Freudenberg Group



DIFFERENTIAL SEALING KITS

SIMMERRING®-DICHTSÄTZE FÜR DAS DIFFERENTIALGETRIEBE

KITS DE JOINTS POUR DIFFÉRENTIELS

KIT TENUTA PER DIFFERENZIALE

2011





www.corteco.com

CORTECO®
The Perfect Change.

THE COMPANY

DAS UNTERNEHMEN | L'ENTREPRISE | SOCIETÀ

E

CORTECO as a member of the global Freudenberg Group is specialised in products for the Independent Aftermarket. The CORTECO range comprises automotive spare parts in the areas of sealing and vibration control technology as well as service parts. The Freudenberg Group is a leading Original Equipment Manufacturer and employs around 32,000 people in 55 countries. Independent garages trusting in CORTECO spare parts therefore profit from original quality made by Freudenberg.

More than 18,000 references support CORTECO's position as one of the leading companies in the Independent Aftermarket. The company sells spare parts and service kits worldwide from five European and a further four non-European locations.

D

CORTECO ist der Spezialist der global aufgestellten Unternehmensgruppe Freudenberg für den freien Automobilersatzteilmarkt.
Das CORTECO Sortiment umfasst Automobilersatzteile für die Dichtungs- und Schwingungstechnik sowie Serviceteile. Die Freudenberg Gruppe ist ein führender Erstausrüster der Automobilhersteller und beschäftigt rund 32.000 Mitarbeiter in 55 Ländern. Freie Werkstätten profitieren bei CORTECO somit von Ersatzteilen in Original-Qualität aus dem Hause Freudenberg.

Über 18.000 Referenzen unterstreichen die Position von CORTECO als eines der führenden Unternehmen im freien Ersatzteilhandel. Mit fünf Standorten in Europa und vier weiteren außereuropäischen Standorten vertreibt das Unternehmen weltweit Ersatzteile und Service Kits.

F

CORTECO est le spécialiste au sein du groupe Freudenberg de la distribution de pièces de rechange automobile (aftermarket). Le groupe Freudenberg est un des leaders mondial en équipement d'origine et emploie 32.000 personnes dans 55 pays. Les gammes CORTECO s'appliquent notamment dans les domaines de l'étanchéité, des pièces antivibratoires et de la filtration d'habitacle. Ainsi, les clients utilisant des pièces CORTECO bénéficient d'une qualité "made by Freudenberg".

Acteur majeur de la rechange indépendante avec plus de 18.000 références, CORTECO s'appuie sur une logistique renforcée comprenant cinq sites européens et quatre hors Europe.

I

La CORTECO, società del gruppo Freudenberg, è specializzata nella distribuzione di prodotti tecnici per l'Aftermarket Indipendente. La gamma CORTECO comprende parti di ricambio per le linee di prodotto specializzate nel settore degli elementi di tenuta, smorzamento delle vibrazioni e parti di servizio per tutte le principali applicazioni del mercato "Automotive". Il Gruppo Freudenberg, di cui fa parte, è uno dei principali fornitori di componentistica di primo equipaggiamento e occupa circa 32.000 dipendenti in 55 paesi. E'proprio per questo che le officine indipendenti si fidano dei prodotti CORTECO, perché sono prodotti di qualità originale Freudenberg.

Più di 18.000 articoli disponibili a gamma permettono a CORTECO di posizionarsi tra i principali fornitori leader nel mercato dell'Aftermarket indipendente. Il gruppo CORTECO distribuisce da cinque siti Europei a da ben quattro siti extra Europei le sue parti di ricambio singole o i suoi kit di manutenzione in tutte le parti del mondo.

CONTENT

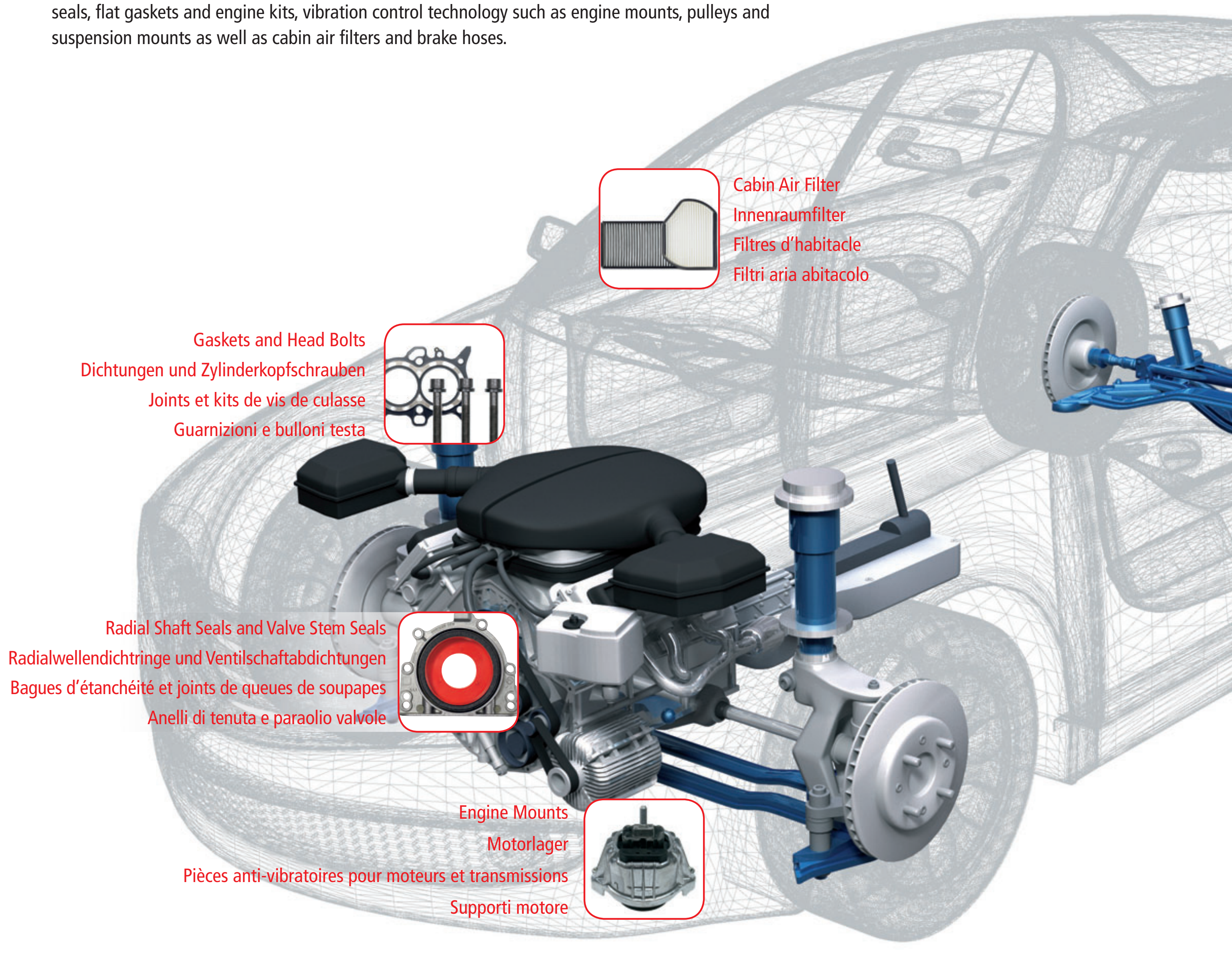
INHALT | SOMMAIRE | INDICE

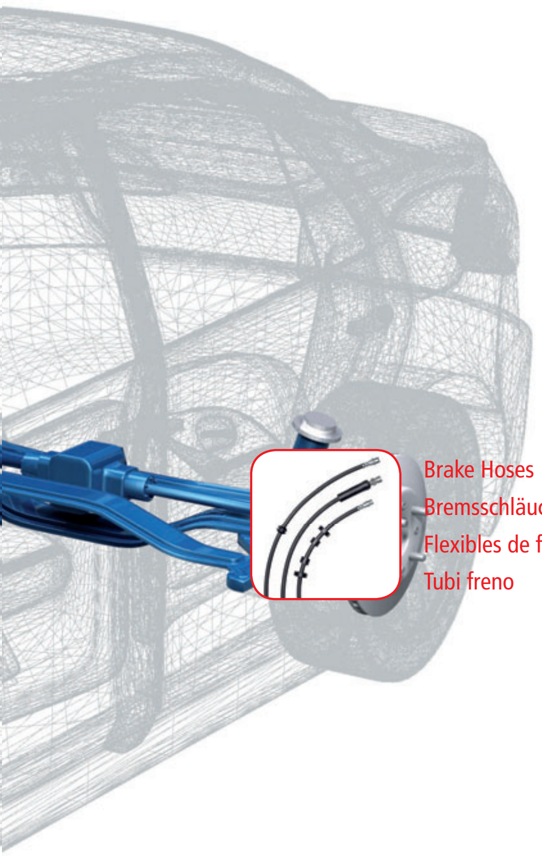
PRODUCT OVERVIEW

PRODUKTPROGRAMM | L'OFFRE PRODUITS | CATALOGO PRODOTTI

E

No matter which products you choose from the CORTECO product portfolio, you always get outstanding original quality. This high quality standard characterises our comprehensive spare parts range. CORTECO offers more than 18,000 products and service kits to garages - among them leading brands such as the Simmerring® radial shaft seal. Our extensive product programme comprises Simmerrings, valve stem seals, flat gaskets and engine kits, vibration control technology such as engine mounts, pulleys and suspension mounts as well as cabin air filters and brake hoses.





D

Für welches Produkt Sie sich aus der CORTECO-Produktfamilie auch entscheiden, Sie erhalten immer herausragende Original-Qualität. Dieser hohe Qualitätsstandard kennzeichnet unser umfangreiches Ersatzteil-Sortiment. CORTECO bietet Werkstätten mehr als 18.000 Produkte und Service Kits - unter ihnen führende Marken wie z. B. den Simmerring® Radialwellendichtring. Unser breites Produktsortiment umfasst Simmerringe, Ventilschaftabdichtungen, Flachdichtungen und Motorsätze, Schwingungstechnik wie Motorlager, Riemenscheiben und Fahrwerkslager sowie Innenraumfilter und Bremsschläuche.

F

Quelque soit le produit CORTECO que vous choisissez, vous achetez toujours la qualité d'origine. CORTECO offre plus de 18.000 références de qualité, parmi lesquelles des marques leaders comme les bagues d'étanchéité Simmerring®. Nos gammes comprennent des bagues d'étanchéité dynamique, des joints de queue de soupapes, des joints et kits de joints, des pièces antivibratoires pour moteur, transmission ou châssis, des filtres d'habitacle ou encore des flexibles de freins.

I

Qualunque prodotto scegliate dalla gamma CORTECO, troverete sempre la necessaria qualità originale. La nostra gamma è caratterizzata da prodotti di alta qualità. CORTECO offre più di 18.000 parti di ricambio e kit riparazione alle officine, tra i quali importanti marchi depositati come Simmerring® e CORTECO® per gli anelli di tenuta. Il nostro programma di vendita include anelli di tenuta, paraolio stelo valvola, guarnizioni piane e kit guarnizioni motore, supporti motore, pulegge, supporti sospensioni ed anche ricambi di servizio come filtri aria abitacolo e tubi freno.

NOTES

NOTIZEN | NOTES | NOTE

PRODUCT INFORMATION

PRODUKTINFORMATION | INFORMATIONS PRODUITS | INFORMAZIONE PRODOTTI

THE DIFFERENTIAL

What is it?

The Differential is very important even if it is at the end of the power train, because it has to distribute the torque to the driving wheels.
The Differential allows the left and right side drive wheels to rotate at different speeds when cornering, thus greatly improving the handling of the vehicle and limiting wear to the tyres, brakes and suspension.
Because of its position on the vehicle, the differential is exposed to the elements and the seals used in the unit must be made using the highest quality materials available.
With time the components become worn and have to be changed during regular overhauls.



Overhauling the differential

If subjected to severe conditions, the differential must be checked more often than specified by the car manufacturer.
It is recommended that all of the sealing parts are replaced to restore functionality, reduce fuel consumption and extend the life of the differential unit.

Why choose CORTECO's expertise?

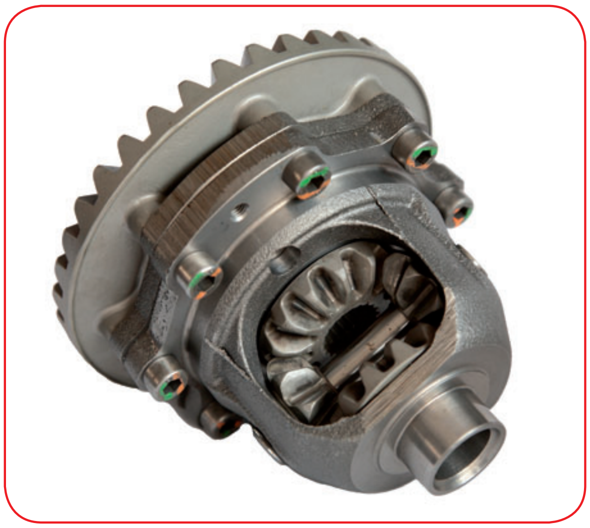
Overhauling the differential is not a complex operation but, in order to guarantee reliability and service life, it must be done by experts with quality spare parts.
For this reason, CORTECO, the aftermarket division of the Freudenberg Group, has launched its brand new Differential Overhaul Kits, so together with our Timing Belt Seal Kits and Clutch Oil Seal Kits, we now are able to offer a line of products dedicated to complete maintenance.
Once again CORTECO offers its know-how to the customer, guaranteeing OE quality spare parts and providing a solution to searching through catalogues trying to find the right seals as all required parts are included in the kit.



Differential Overhaul Kits from CORTECO include all the sealing parts necessary for a successful maintenance routine:

- **Dedicated Oil Seals**
- **Silicon Paste**
- **Flat Gaskets (where necessary)**

SIMMERRING®-DICHTSÄTZE FÜR DAS DIFFERENTIALGETRIEBE



Aufbau und Funktion

Das Differentialgetriebe (Hinterachsgetriebe) ist ein Getriebe welches sich zwischen den angetriebenen Rädern befindet und am Ende des Antriebstranges für den Ausgleich der Drehzahlen zwischen den zwei Rädern sorgt. Ein Differentialgetriebe besteht aus einem um die Abtriebswelle drehbaren Differentialkorb, den die Antriebswelle in Rotation versetzt. An den im Differentialkorb liegenden Enden der Abtriebswellen, sind Kegelräder angebracht, ebenso im sind ein bis vier Kegelräder an der Innenseite des Rotationskorbes drehbar befestigt. Jeder dieser Kegelräder ist mit beiden Abtriebskegelrädern verzahnt. Bei Kraftfahrzeugen sind die Abtriebswellen mit den angetriebenen Rädern verbunden.
Da die Räder einer Achse beim Fahren in Kurven unterschiedlich lange Wege zurücklegen, darf die Differenz bei starr gekuppelten Rädern nicht zu groß werden. Bei starr gekoppelten Rädern überträgt das äußere Rad in Kurven, eine kleinere Kraft als das innere Rad. Beim Differentialgetriebe übertragen beide Räder die gleiche Kraft.
Aufgrund seiner Position im Fahrzeug hat das Hinterachsgetriebe einen wichtigsten Einfluss auf den Leistungszustand eines Fahrzeuges. Staub, Schmutz und andere Asphaltverunreinigungen sind ständig in Kontakt mit den Dichtungselementen. Durch eine zeitliche und mechanische Belastung werden diese Komponenten abgenutzt. Bei Instandsetzungsmaßnahmen am Differentialgetriebe, sollten alle Dichtungskomponenten gewechselt werden.

Instandsetzung des Getriebes

Bei extremen Umgebungsbedingungen muss das Differentialgetriebe öfters als von den Fahrzeugherstellern empfohlen, einer sorgfältigen und korrekten Überprüfung unterzogen werden.
Während dieses Vorganges ist es zwingend erforderlich, zur Widerherstellung der ordnungsgemäßen Funktionalität, alle entsprechenden Dichtungselemente zu wechseln.
Nur durch den Austausch allerdings Dichtungen, kann die Funktions- und Leistungsfähigkeit des Getriebes wieder dauerhaft gewährleistet werden.

Vorteile mit produkten von corteco

Instandsetzungsarbeiten am Differenzialgetriebe können ohne Probleme von Werkstätten durchgeführt werden. CORTECO bietet Ihnen als Aftermarketgesellschaft der Unternehmensgruppe Freudenberg alle für die Reparatur benötigten Ersatzteile in Originalqualität.
Zusammen mit den Simmerring® - Dichtringsätzen für den Zahnriemen oder Kupplungswechsel, erhalten Sie bei CORTECO alle für die jeweilige Anwendung benötigten Produkte aus einer Hand. Für Werkstätten ist es daher deutlich einfacher und die aufwendige Suche nach den richtigen Komponenten entfällt.

CORTECO bietet alle für den Instandsetzungsarbeiten am Differenzialgetriebe benötigen Produkte in einem Set.
Das Differenzial-Kit beinhaltet:

- **alle benötigten Dichtungen**
- **Silikondichmasse**
- **und die entsprechende Flachdichtung (wenn vom OE-Hersteller vorgesehen)**



LE DIFFÉRENTIEL



Mode d'emploi

Situé sur le train roulant, le différentiel est un composant essentiel du véhicule puisqu'il reparti le couple sur les deux roues de l'essieu. Les différentiels sont généralement composés d'une cage métallique renfermant un jeu d'engrenages baigné dans un lubrifiant et permettant une différence de rotation entre les deux roues d'un même essieu. Ceci permet d'éviter des contraintes mécaniques excessives et des problèmes de comportement routier.
En raison de sa position sur le véhicule et de sa fonction, le différentiel est directement soumis aux conditions d'utilisation du véhicule. Par conséquent, les bagues d'étanchéité du différentiel doivent être d'une fiabilité irréprochable car elles sont soumises à toutes les poussières rencontrées sur la route. Néanmoins, au fil des kilomètres parcourus les bagues de différentiel s'usent et nécessitent un remplacement généralement réalisé lors de la maintenance du différentiel.

Maintenance d'un différentiel

En cas de conditions d'utilisation extrêmes, le différentiel doit être contrôlé à des intervalles plus courts que ceux prévus par le constructeur. Une inspection détaillée doit permettre de valider le bon fonctionnement des organes internes. Au cours de cette inspection, les différentes pièces d'étanchéité seront remplacées pour garantir une bonne protection contre les éléments extérieurs, le bon fonctionnement et la durée de vie du différentiel.



Optez pour l'expert, CORTECO

La maintenance d'un différentiel n'étant pas une opération complexe, elle nécessite néanmoins l'intervention d'un professionnel avec des pièces de qualité d'origine pour garantir fiabilité et longévité. C'est précisément pour cette raison que CORTECO en tant que division responsable de la rechange indépendante au sein du groupe freudenberg a décidé du lancement d'une gamme de kits de réparation pour différentiels. Ces kits viennent compléter l'offre de kits de bagues CORTECO existante pour la réparation d'embrayages et de la distribution.

Les kits CORTECO vous garantissent:

- L'ensemble des joints en qualité d'origine à remplacer lors de la rénovation d'un différentiel.
- Un gain de temps en vous évitant la recherche individuelle des pièces d'étanchéité.

Nos kits de renovation sont destines à répondre aux attentes des mécaniciens réparateurs en incluant l'ensemble des pièces d'étanchéité nécessaires pour le différentiel.
Nos kits de reparation incluent les elements suivants:
- **Un ensemble de bagues.**
- **De la pate à joint silicone**
- **Un ou plusieurs joints plats (si prévu par le constructeur dans l'opération de maintenance)**

IL DIFFERENZIALE



Perché affidarsi agli esperti CORTECO

La revisione del differenziale non è un'operazione complessa ma, perché siano garantite affidabilità e durata, deve poter contare su ricambi di sicuro valore e su manodopera esperta. Per questo CORTECO, divisione Aftermarket del Gruppo Freudenberg, ha lanciato sul mercato i nuovissimi Kit Anelli di Tenuta per Differenziale che, insieme ai Kit Anelli di Tenuta Distribuzione e Kit Anelli di Tenuta Frizione, vanno ad arricchire la gamma di soluzioni dedicate alla completa manutenzione del veicolo. Ancora una volta CORTECO mette a disposizione del meccanico il proprio know-how, con la certezza di:

- completare la manutenzione sul differenziale con particolari di qualità originale
- risparmiare tempo in quanto tutte le tenute necessarie sono presenti in unico kit dedicato

Cos'è

Nonostante si trovi alla fine della catena cinematica, il differenziale è un componente meccanico particolarmente importante, in quanto il suo compito è quello di distribuire il momento torcente proveniente dal cambio e di ripartirlo tra le ruote motrici. E' solitamente costituito da una gabbia metallica dentro la quale si trovano due satelliti ed altrettanti planetari, questi ultimi solidali con i semiassi delle ruote. In caso di differente velocità di rotazione tra le due ruote motrici, il gruppo di ingranaggi satelliti-planetari ripartisce la coppia motrice in modo da evitare stress meccanici sia ai semiassi che alle ruote. Proprio per il suo compito e la sua posizione, il differenziale è uno degli elementi meccanici maggiormente esposti a quelle che sono le condizioni di utilizzo del veicolo. Polvere, fango ed impurità presenti sull'asfalto, infatti, sono costantemente in contatto con le tenute, che, per questa ragione, devono essere di assoluta qualità. Il passare del tempo, gli stress meccanici e l'usura logorano questi componenti che è indispensabile sostituire contestualmente alla revisione ed al recupero di tutte quelle che sono le parti interne alla scatola del differenziale.

Questa linea, studiata per agevolare le esigenze del riparatore, include tutte le tenute necessarie alla completa manutenzione del differenziale. Il Kit Anelli di Tenuta per Differenziale CORTECO comprende:

- **Anelli di Tenuta dedicati**
- **Pasta sigillante •**
- **Guarnizioni specifiche (dove previste dal costruttore)**

Revisione e sostituzione

Se sottoposto a condizioni d'uso piuttosto gravose, il differenziale, contemporaneamente alla sostituzione dell'olio lubrificante e ad intervalli più frequenti rispetto a quanto previsto dalla casa madre, necessita anche di un'accurata revisione e del controllo dei giochi al suo interno. Durante questi interventi è indispensabile sostituire tutte le tenute a esso collegate in modo da ripristinarne la corretta funzionalità. Una ritrovata efficienza garantisce prestazioni ottimali ed una elevata protezione del differenziale dagli agenti esterni preservandone la vita e riducendo i consumi.



NOTES

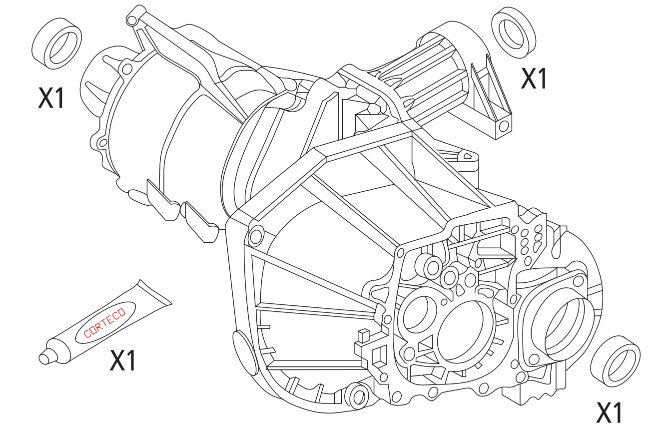
NOTIZEN | NOTES | NOTE

VEHICLE APPLICATIONS

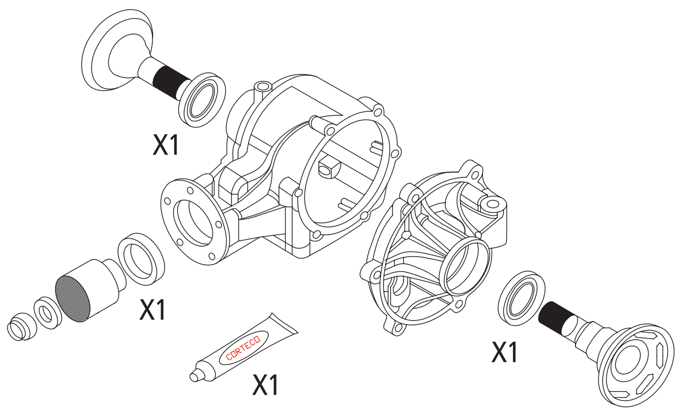
FAHRZEUGANWENDUNGEN | APPLICATIONS | APPLICAZIONI

Alfa Romeo

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	01/04→12/06
i	

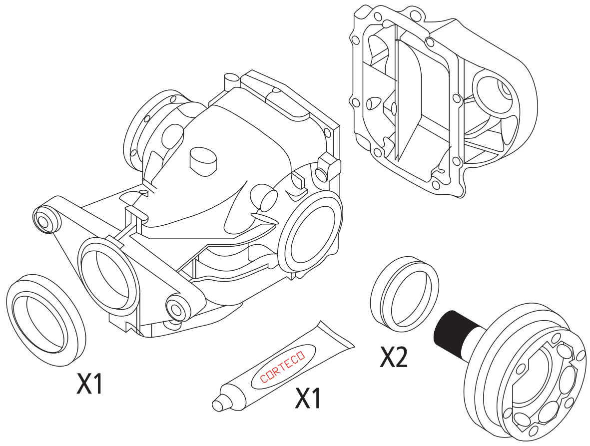


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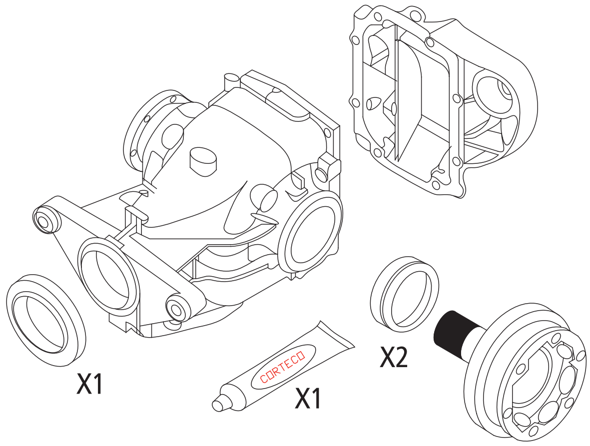


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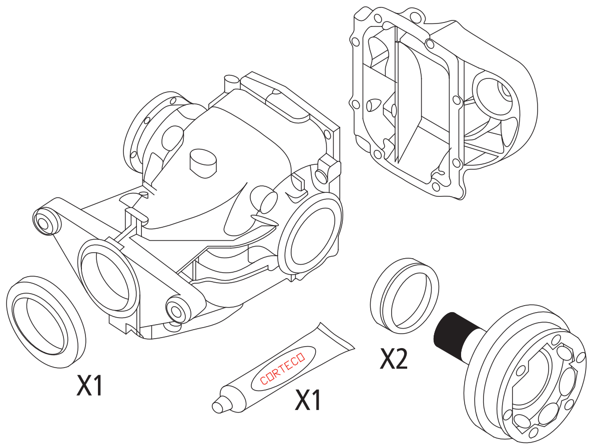
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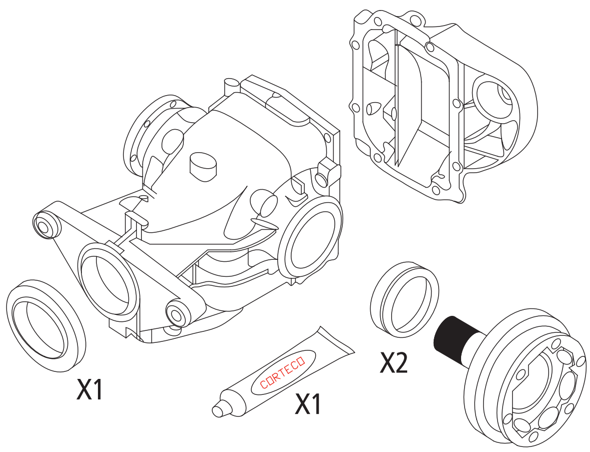
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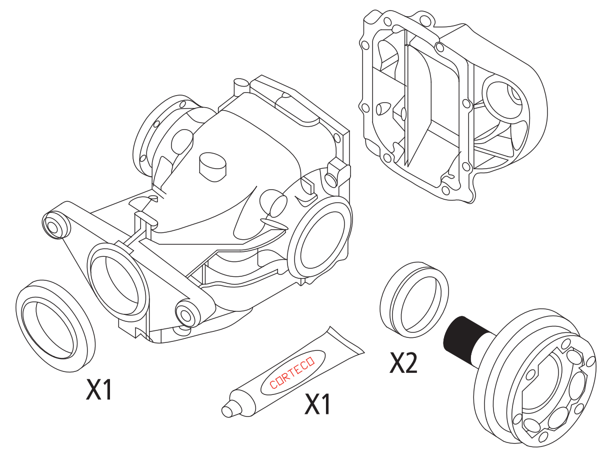


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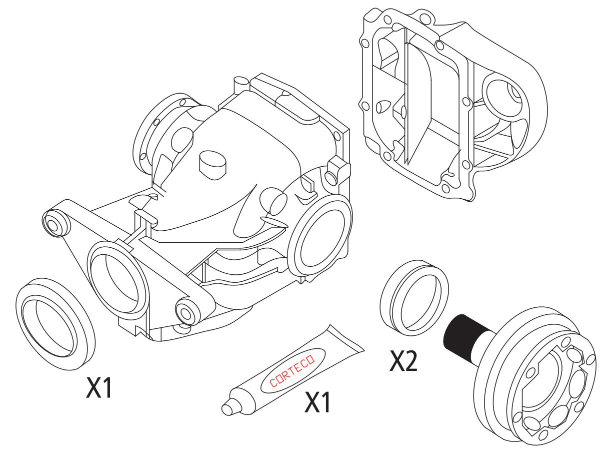


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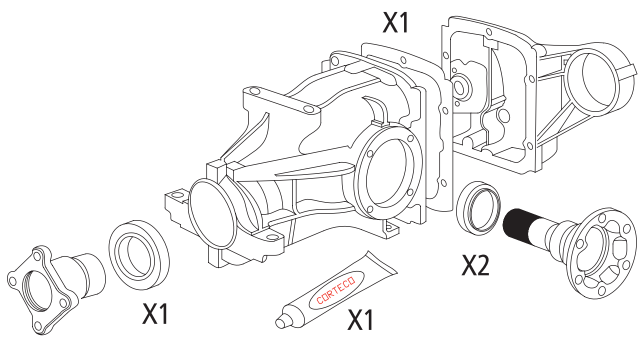
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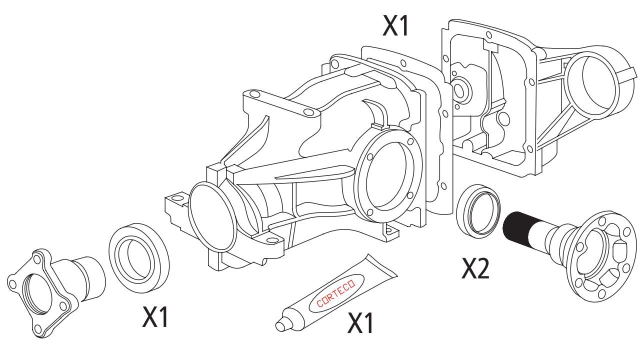
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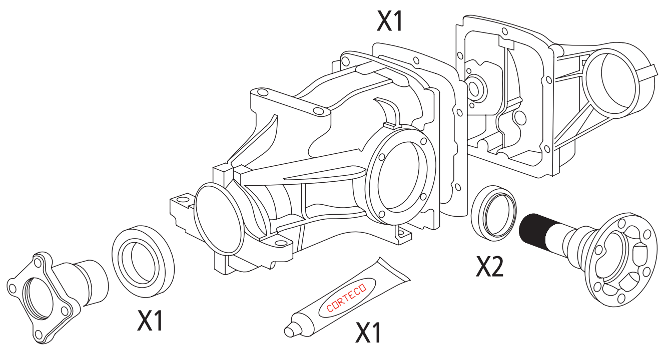


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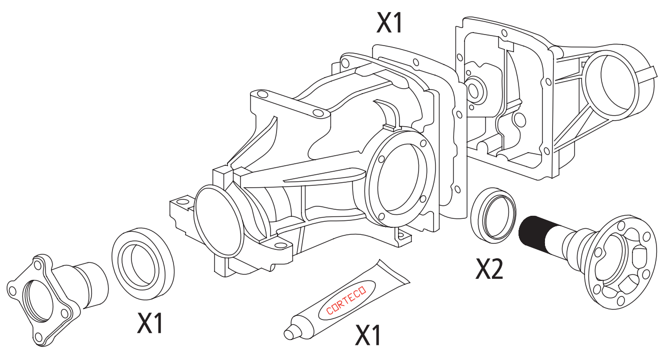


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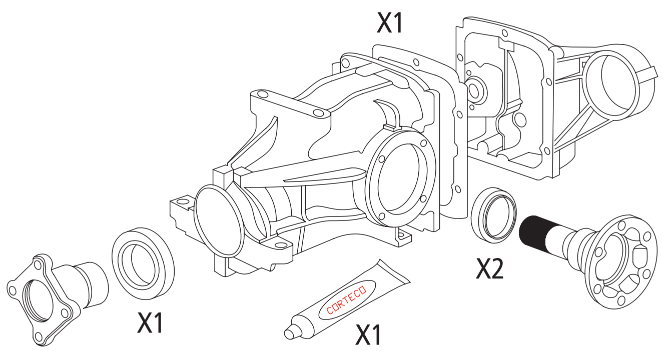
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Application	
Info	



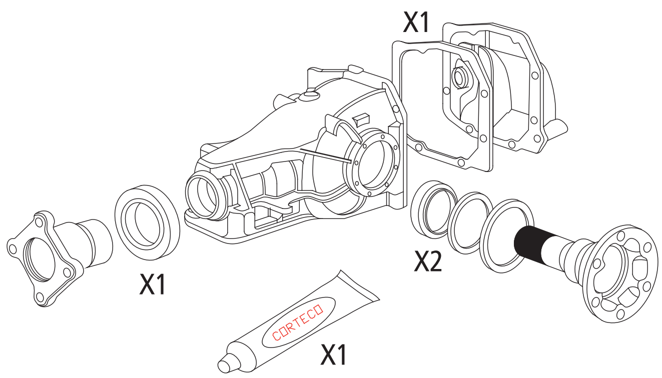
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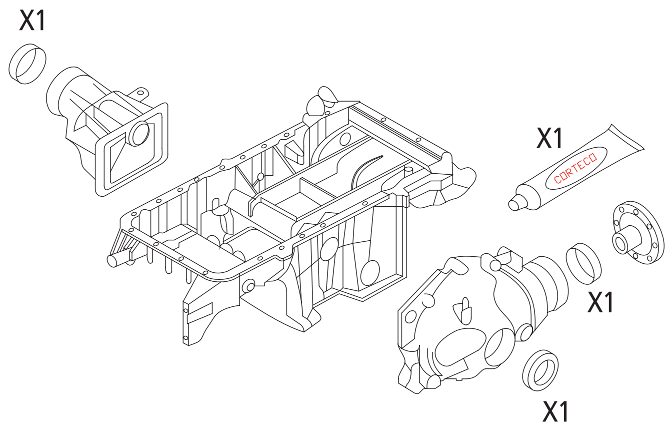


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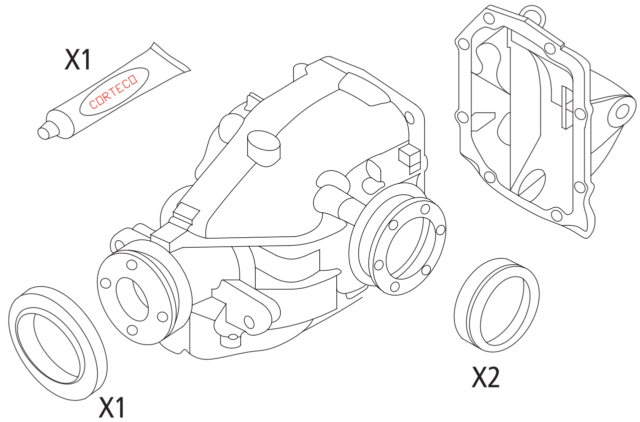


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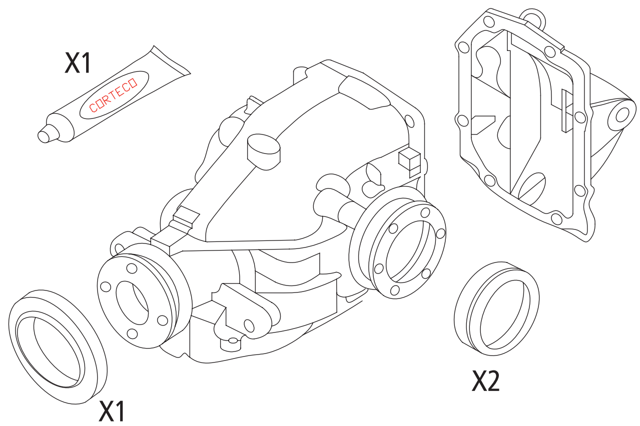
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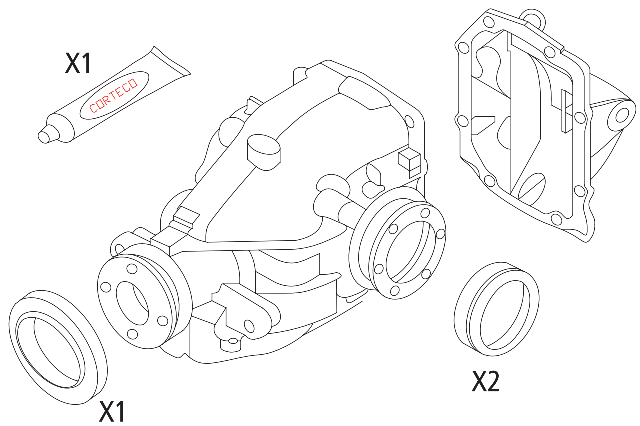
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	01/97→12/00

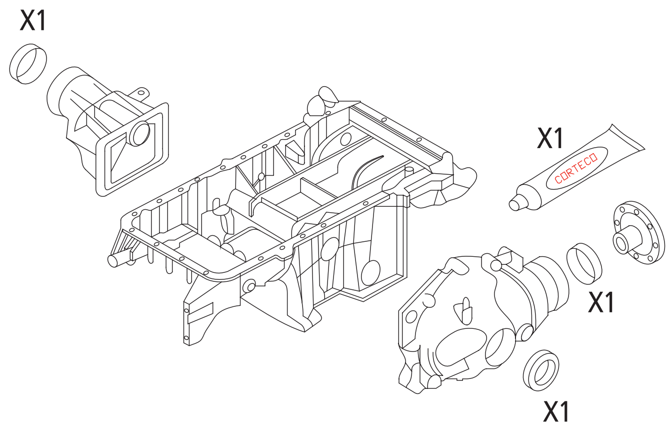


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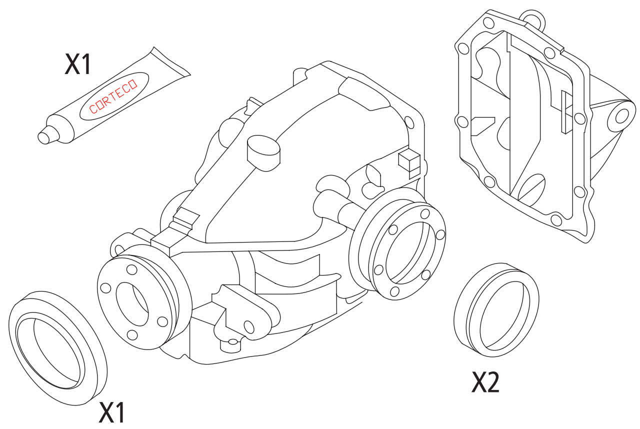


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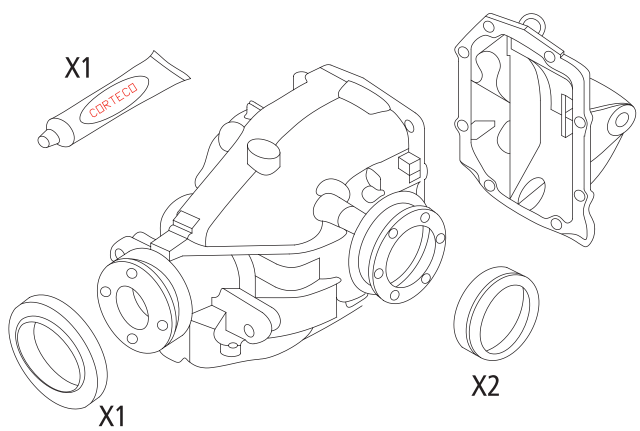
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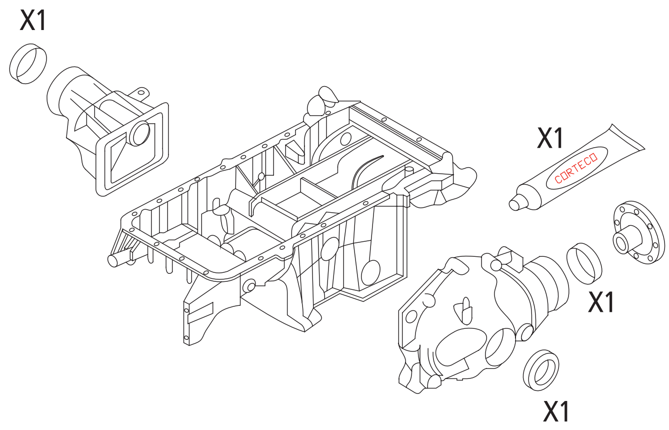
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	01/99→12/03



CORTECO	**19535823**
	3 Series (E46) 320d
	09/01→02/05

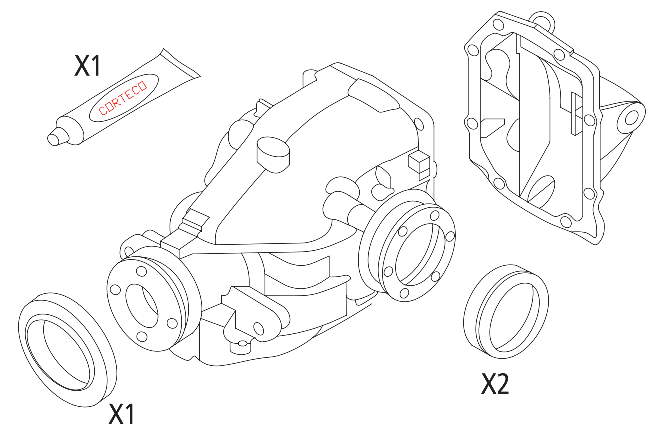


CORTECO	**19535862**
	3 Series (E46) 330xd
	01/00→12/03

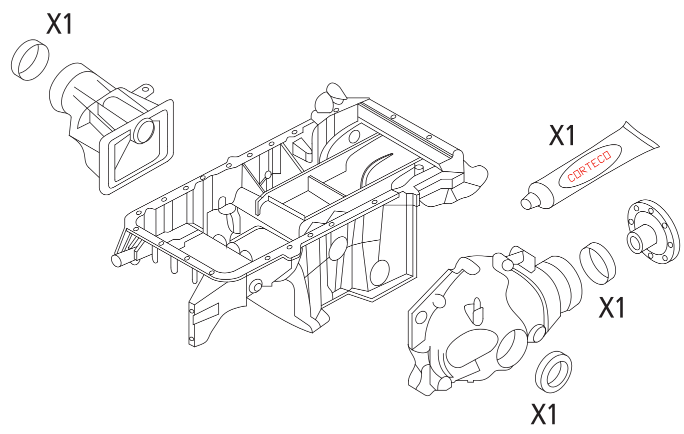


BMW

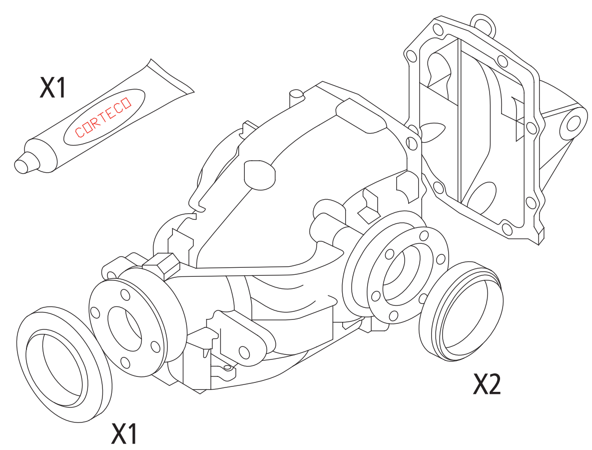
CORTECO	**19535823**
	3 Series (E46) 330xd
	01/00→12/03
i	



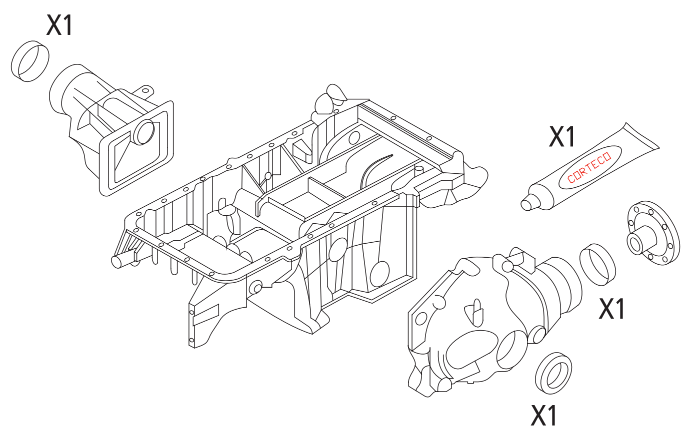
CORTECO	**19535862**
	X3 (E83) 2.0d
	10/04→
i	



CORTECO	**19535823**
	X3 (E83) 2.0d
	10/04→
i	

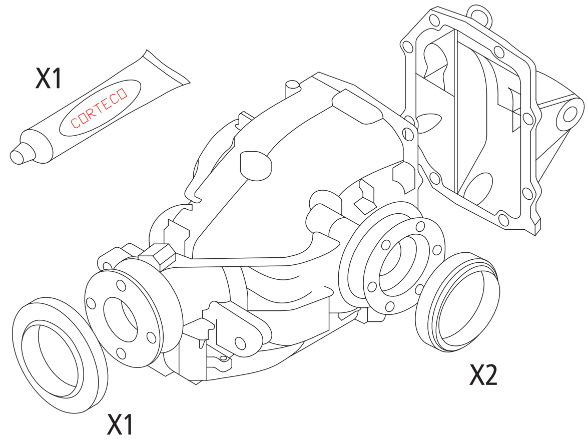


CORTECO	**19535862**
	X3 (E83) 3.0d
	01/03→
i	

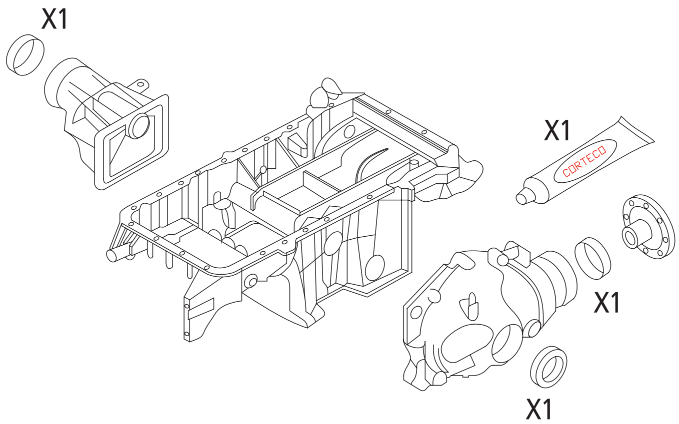


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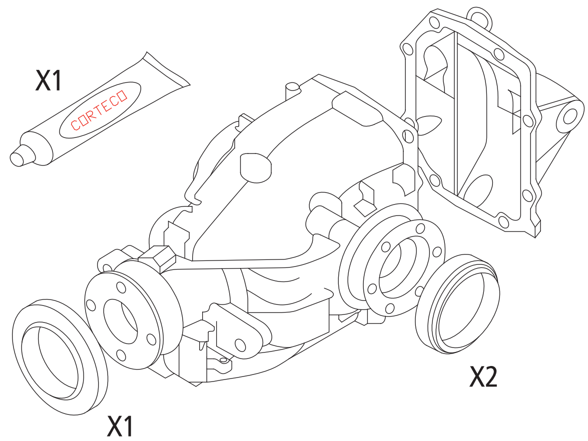
CORTECO	19535823
	X3 (E83) 3.0d
	01/03→



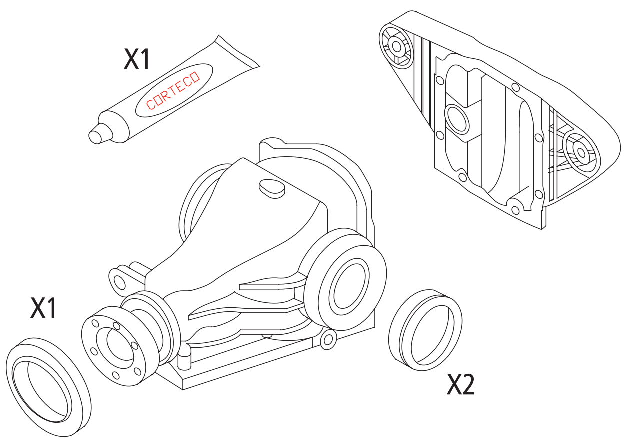
CORTECO	19535862
	X3 (E83) 3.0d
	01/06→



CORTECO	19535823
	X3 (E83) 3.0d
	01/06→

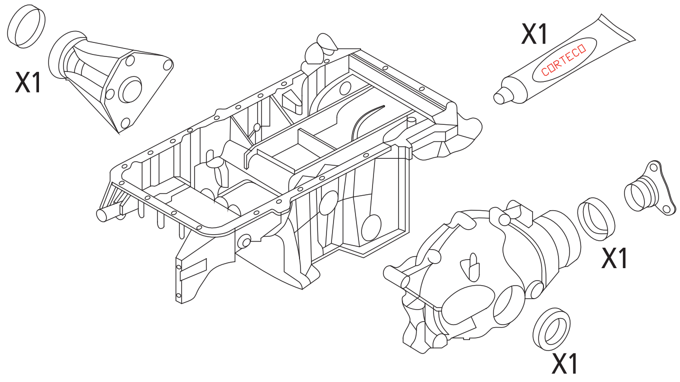


CORTECO	19535823
	5 Series (E39) 525 Tds
	10/95→12/00

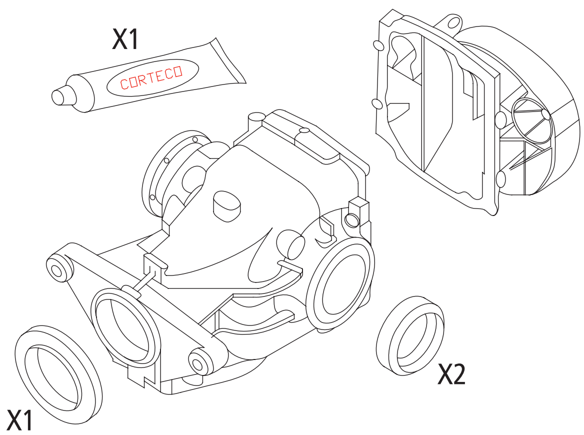


BMW

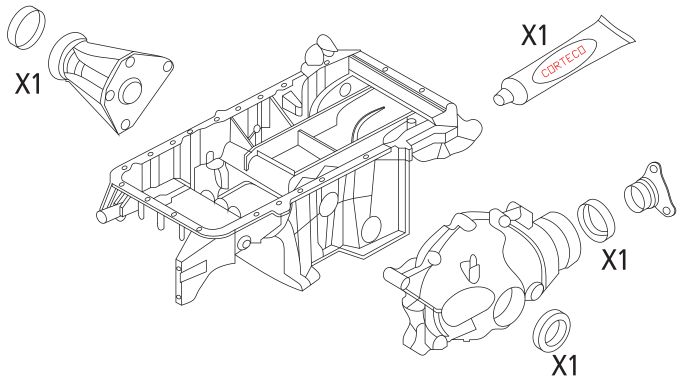
CORTECO	**19535862**
	X5 (E53) 4.6is
	12/03→



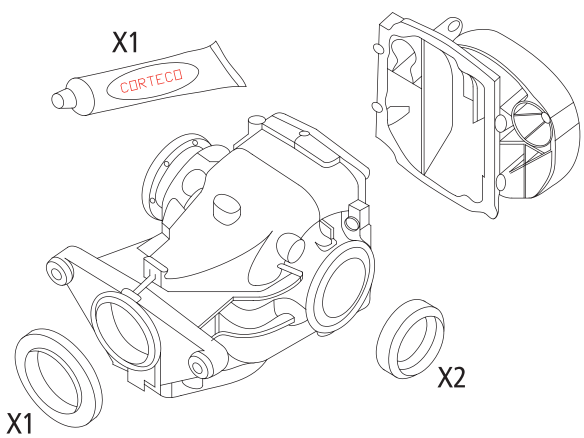
CORTECO	**19535823**
	X5 (E53) 4.6is
	12/03→



CORTECO	**19535862**
	X5 (E53) 3.0d
	12/03→

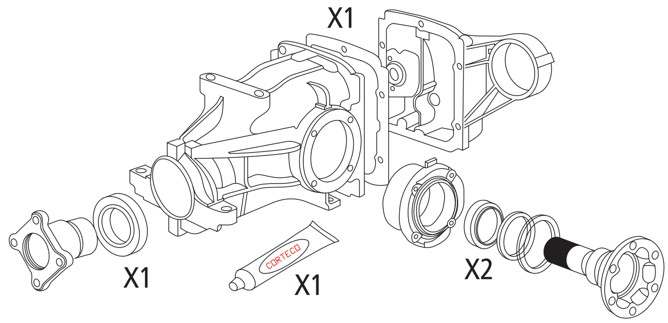


CORTECO	**19535823**
	X5 (E53) 3.0d
	12/03→

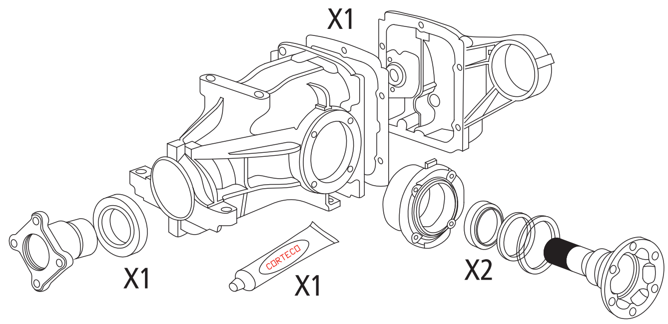


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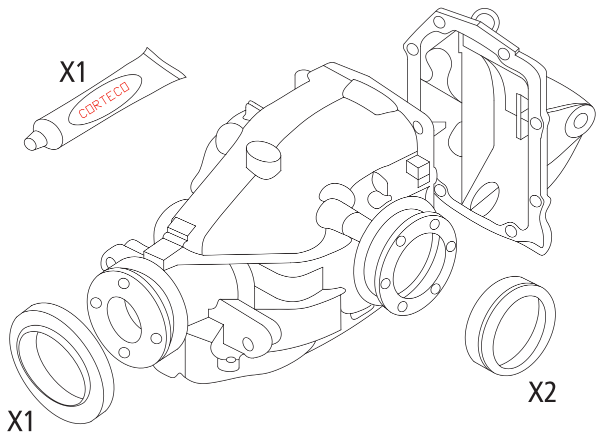
19536199	
Z3 (E36) 3.2 M Coupé	
02/98→01/03	



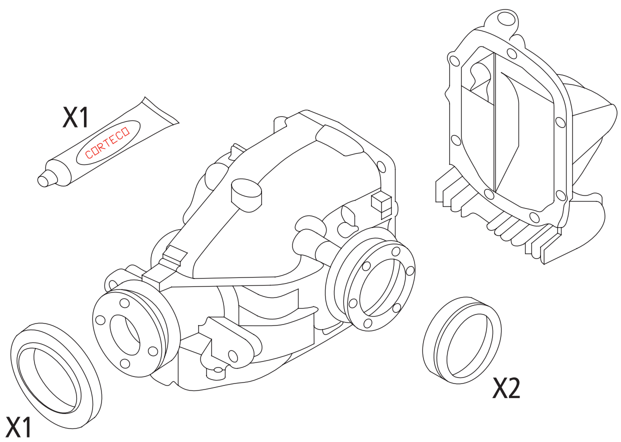
19536199	
Z3 (E36) 3.2 M Roadster	
03/97→01/03	



19535823	
Z4 (E85) Roadster 2.5 Si	
01/04→	

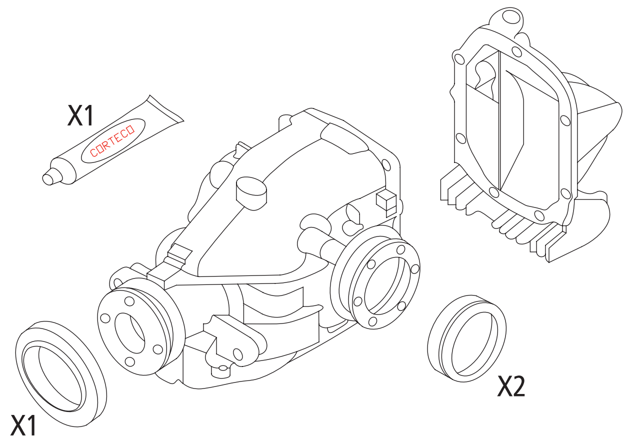


19535823	
Z4 (E85) Roadster 3.0 i	
01/02→	



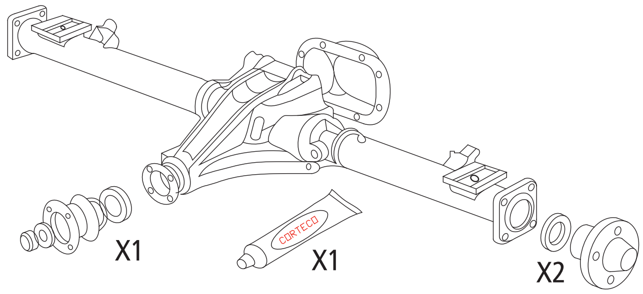
BMW

CORTECO	**19535823**
	Z4 (E85) Roadster 3.0 Si
	01/04→

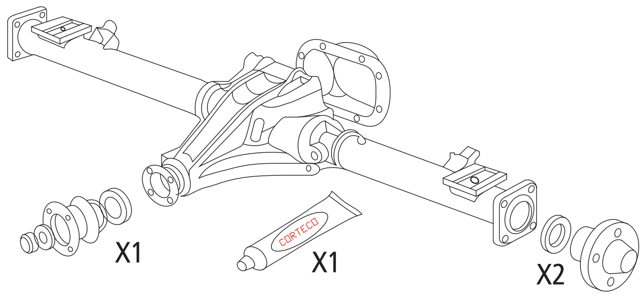


Fiat

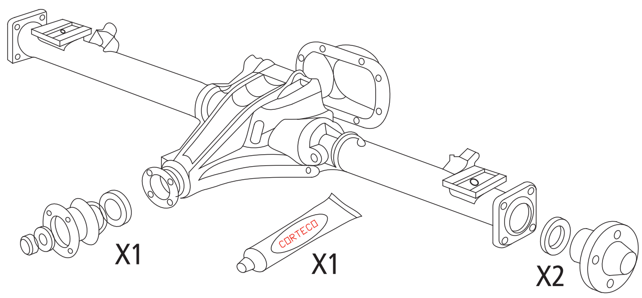
CORTECO	**19535941**
	Panda 950 4x4
	09/83→12/86



CORTECO	**19535941**
	Panda 1.000 4x4
	01/86→12/92

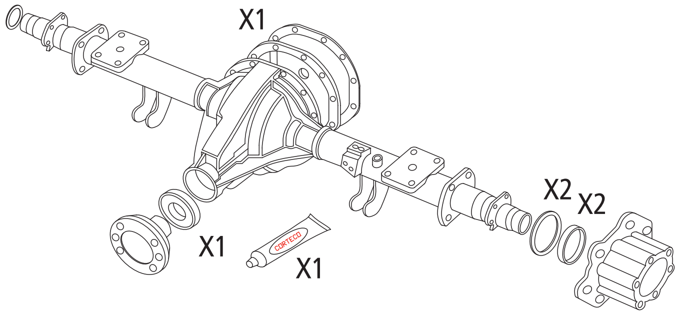


CORTECO	**19535941**
	Panda 1.100 4x4
	10/91→07/04

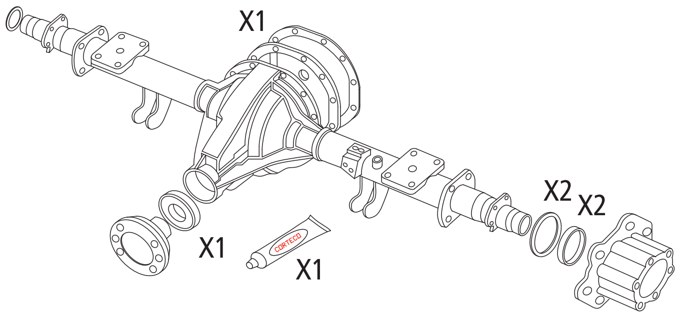


Ford L.T.

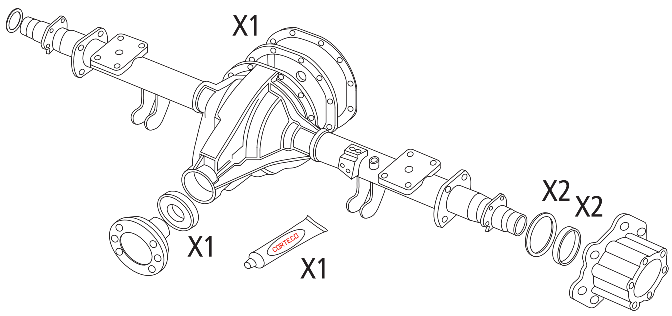
CORTECO	**19536195**
	Transit IV 2.0
	09/91→09/94
	Axle 53 DRW



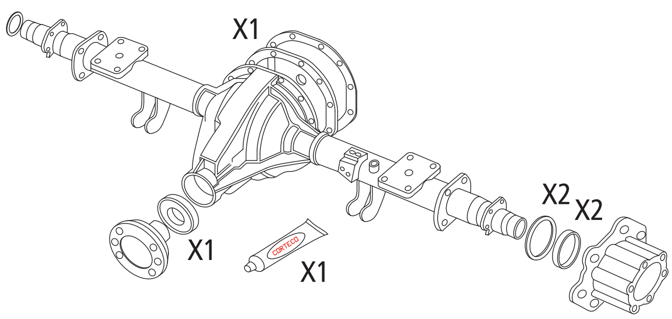
CORTECO	**19535195**
	Transit IV 2.5 Di / Td
	09/91→09/94
	Axle 53 DRW



CORTECO	**19536195**
	Transit V 2.0
	09/94→03/00
	Axle 53 DRW (→03/97)

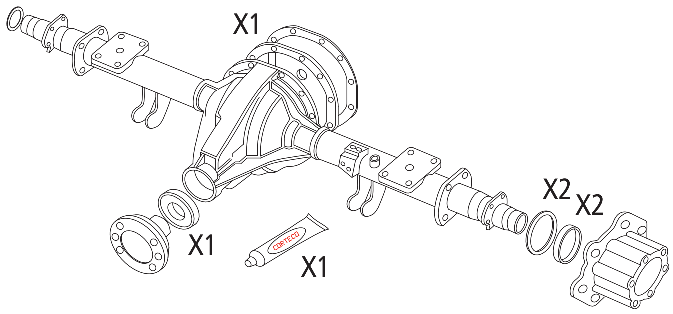


CORTECO	**19536196**
	Transit V 2.0
	09/94→03/00
	Axle 53 DRW (04/97→)

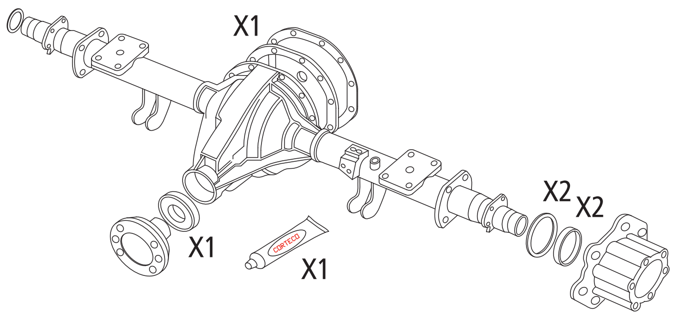


Ford L.T.

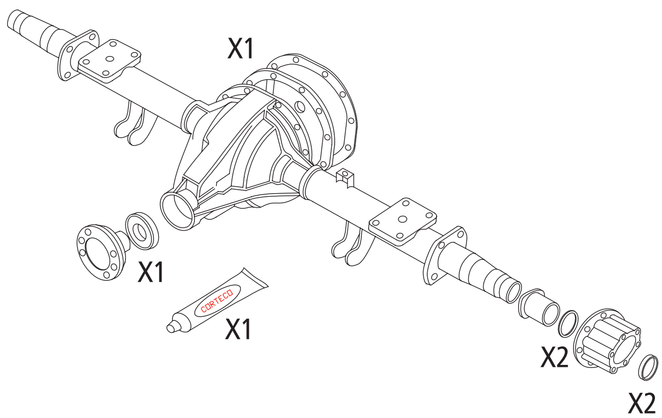
CORTECO	**19536195**
	Transit V 2.5 Di / Td
	09/94→03/00
	Axle 53 DRW (→03/97)



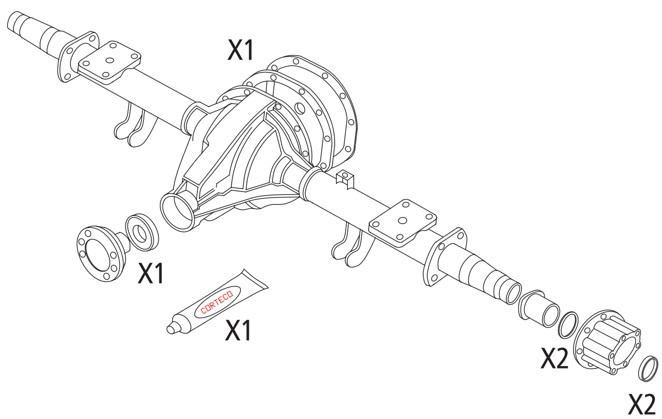
CORTECO	**19536196**
	Transit V 2.5 Di / Td
	09/94→03/00
	Axle 53 DRW (04/97→)



CORTECO	**19536136**
	Transit VI 2.3 16V
	04/01→
	DRW axle

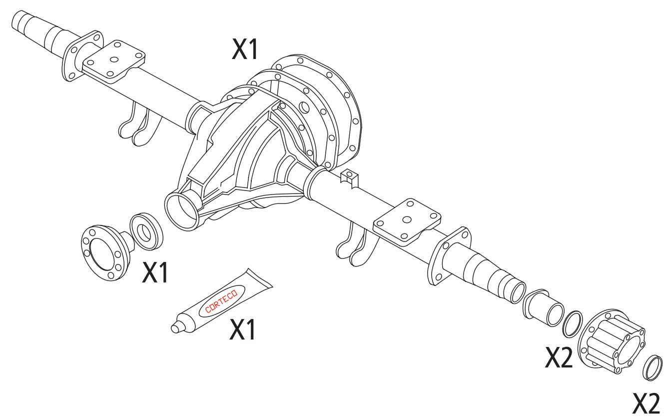


CORTECO	**19536136**
	Transit VI 2.4 Di
	01/00→
	DRW Axle



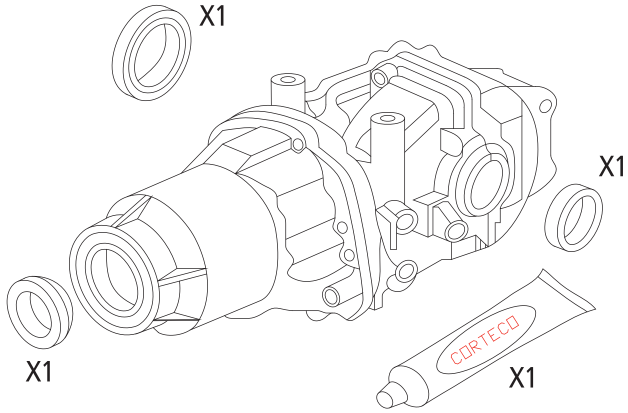
Ford L.T.

CORTECO	**19536136**
	Transit VI 2.4 TDCi
	03/04→
	DRW Axle

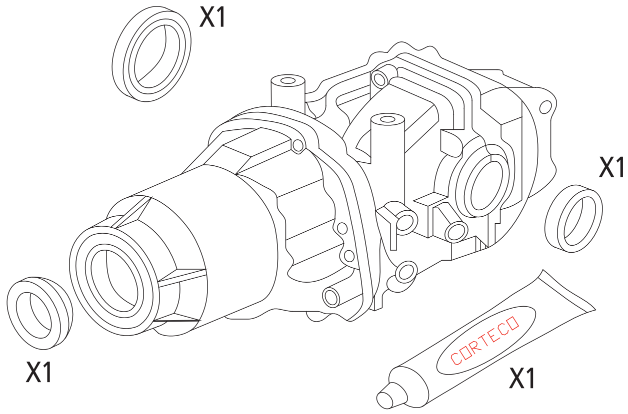


Honda

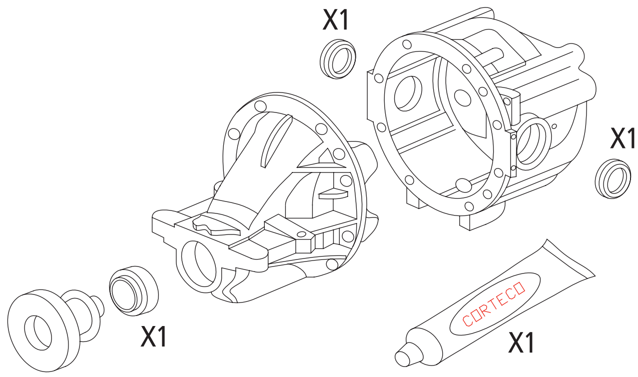
CORTECO	**19536172**
	CR-V II 2.0
	07/02→09/06
i	



CORTECO	**19536172**
	CR-V II 2.2 CTDi
	02/05→09/06
i	

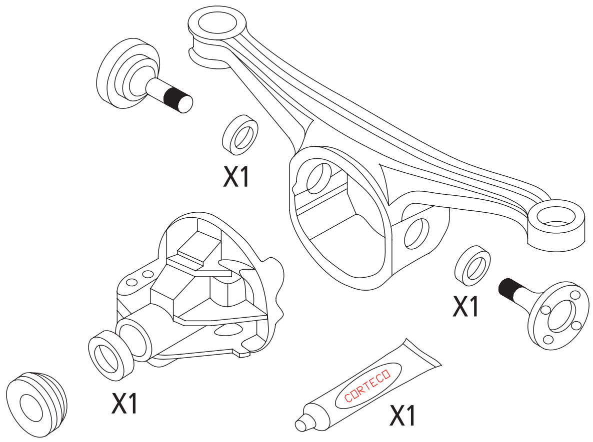


CORTECO	**19536215**
	S2000
	06/99→
i	

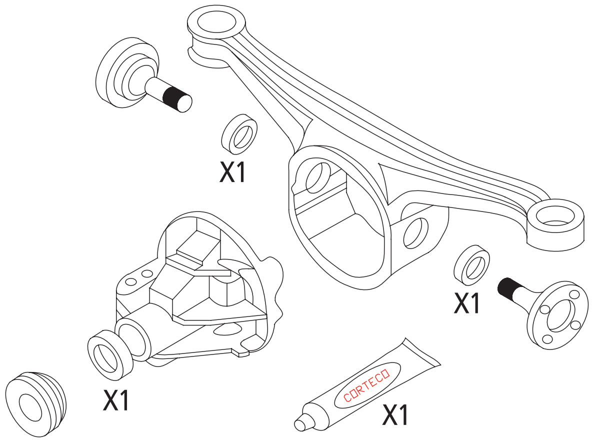


Mazda

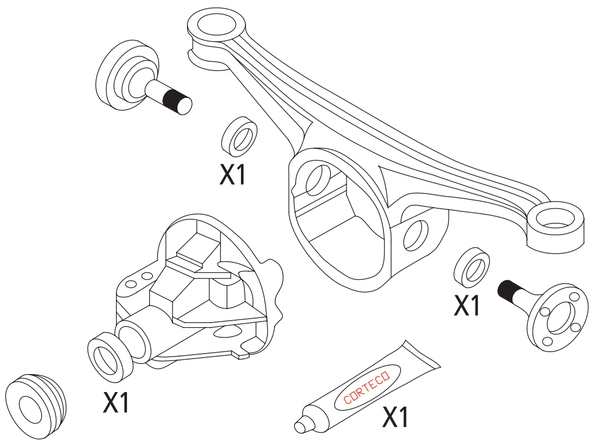
CORTECO	19535942
	Miata 1.6
	01/89→



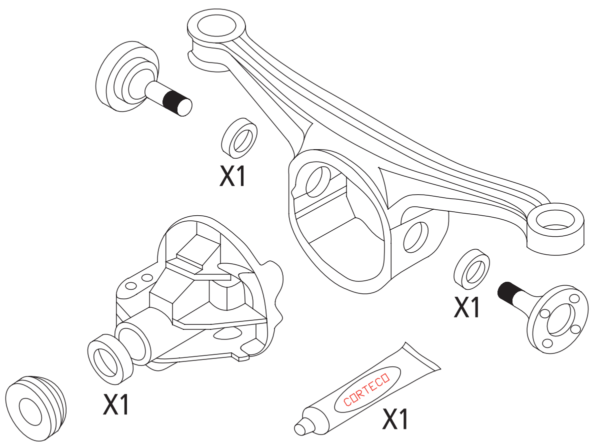
CORTECO	19535861
	MX-5 I 1.6 16V
	05/90→01/94



CORTECO	19535861
	MX-5 I 1.6 16V
	02/94→04/98

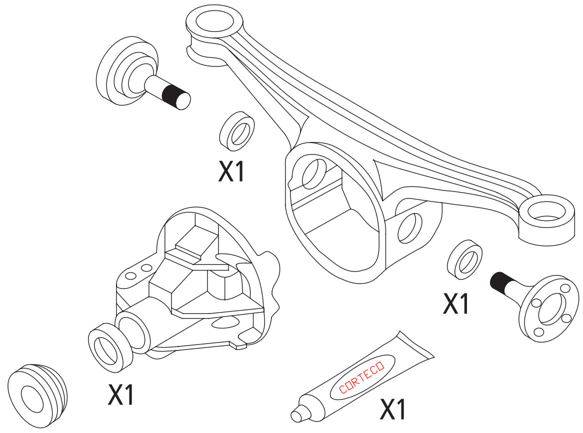


CORTECO	19535861
	MX-5 I 1.8 16V
	02/94→04/98

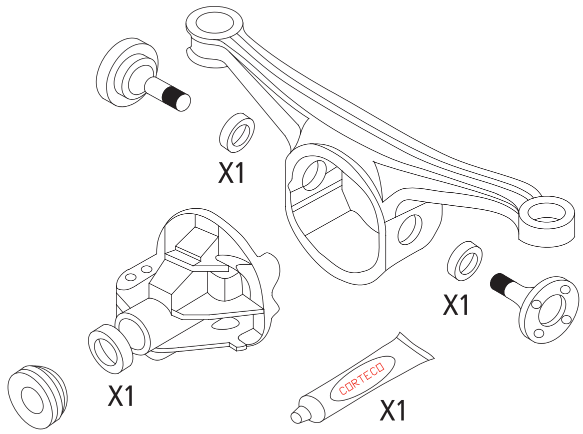


Mazda

CORTECO	**19535861**
	MX-5 II 1.6 16V
	05/98→10/05

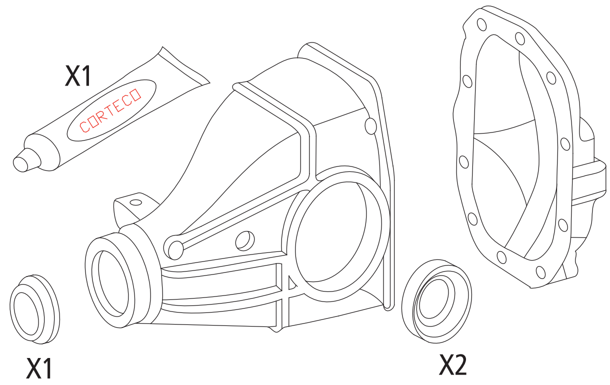


CORTECO	**19535861**
	MX-5 II 1.8 16V
	05/98→10/05

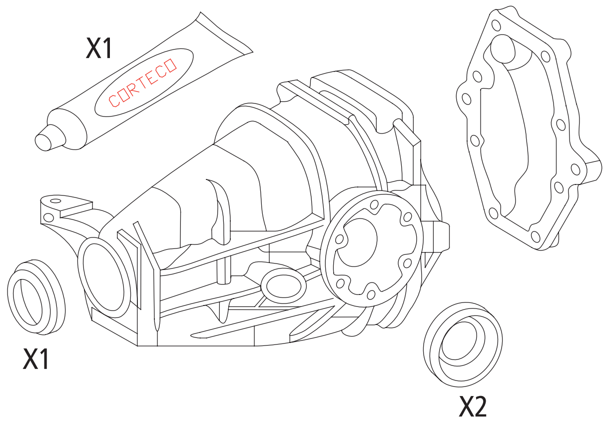


Mercedes

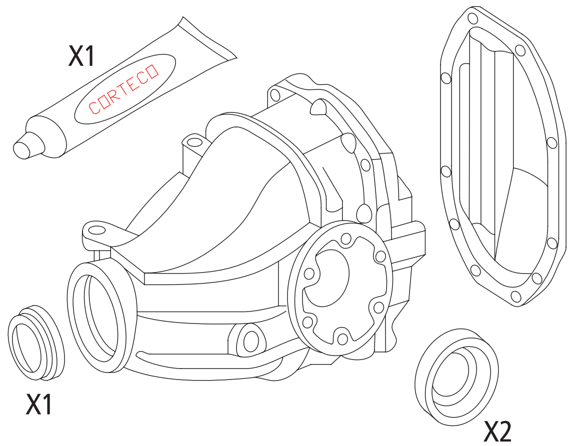
CORTECO	**19535825**
	C Class (W203) C220 CDI
	02/04→



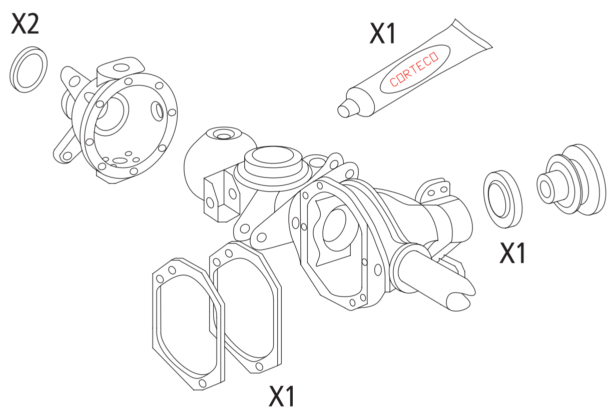
CORTECO	**19535825**
	CLK (C208) CLK 200 Kompressor
	06/97→06/00



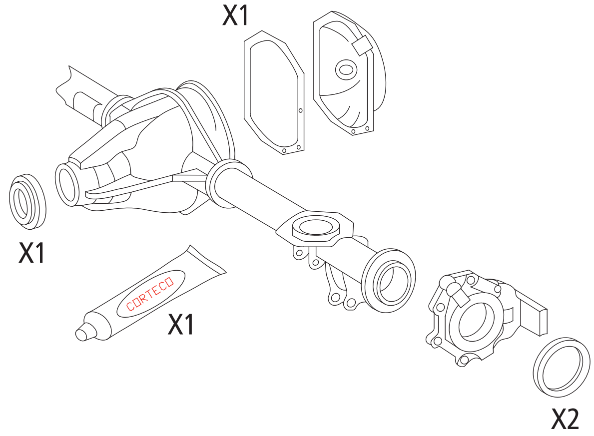
CORTECO	**19535815**
	E Class (W210) E270 CDI
	07/99→03/02

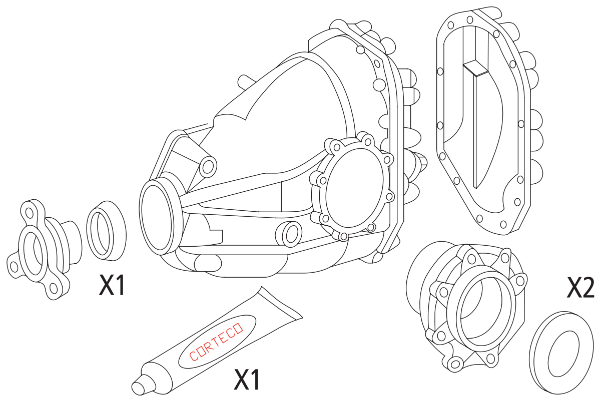


CORTECO	**19535844**
	G Class (W461) G270 CDI
	08/06→



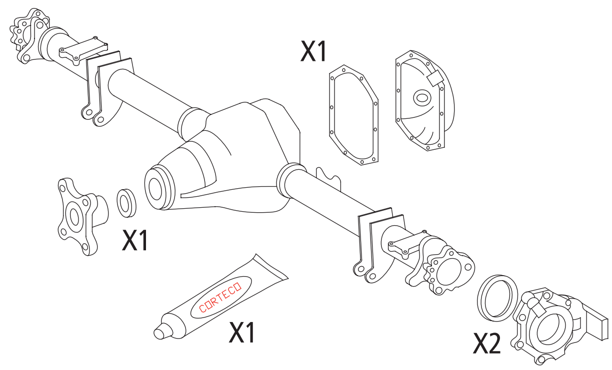
Mercedes

CORTECO	**19535845**	
	G Class (W461) G270 CDI	
	08/06→	

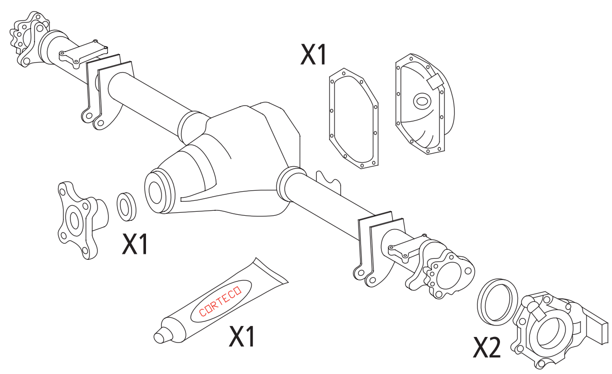
CORTECO	**19535815**	
	S Class (W220) S400 CDI	
	06/00→08/05	

Mercedes L.T.

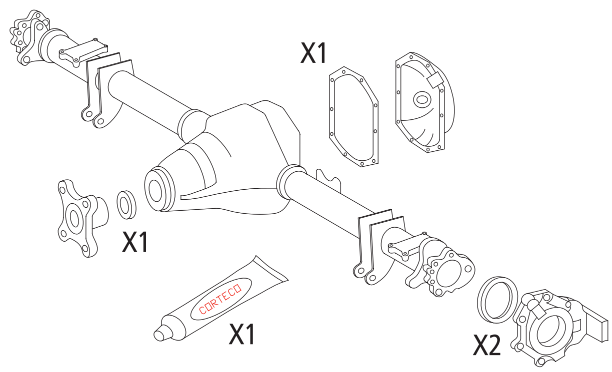
CORTECO	19536170
	Sprinter 216 2.7 CDI (901, 902)
	01/95→05/06



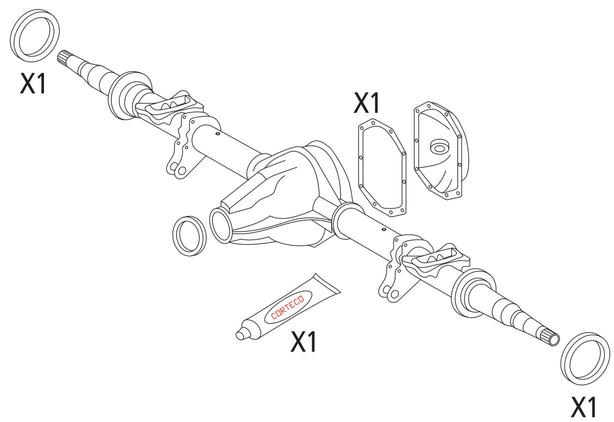
CORTECO	19536170
	Sprinter 316 2.7 CDI (903)
	01/95→05/06



CORTECO	19536171
	Sprinter 416 2.7 CDI (904)
	02/96→05/06

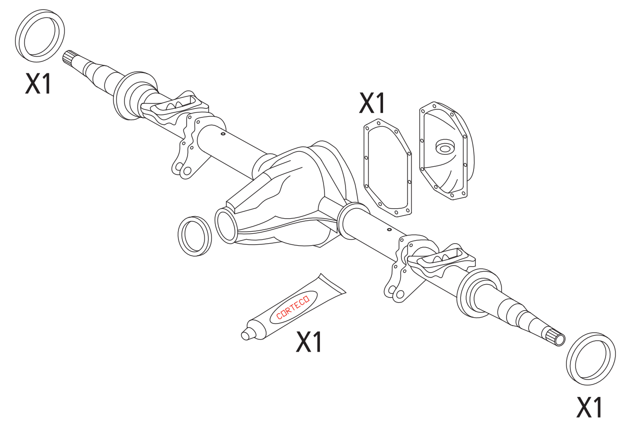


CORTECO	19536169
	T2/LN1 609D
	04/86→12/94
	Axle 741550 HL 0/6 3,9

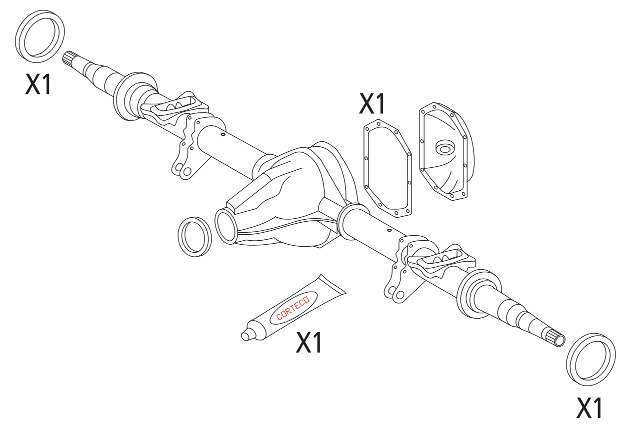


Mercedes L.T.

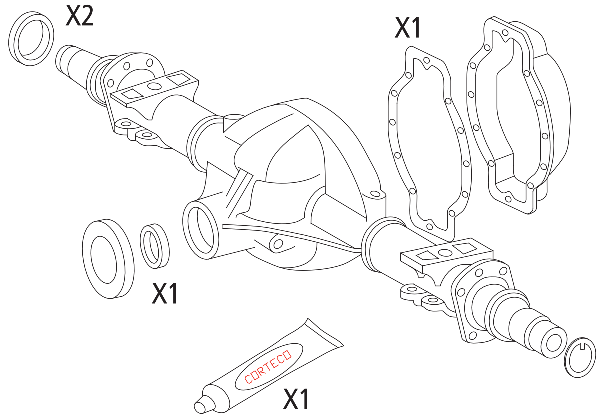
CORTECO	**19536169**
	T2/LN1 609D
	04/86→12/94
	Axle 741559 HL 0/6 3,9



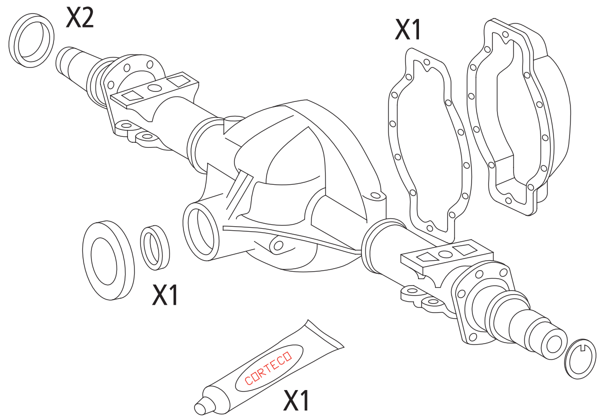
CORTECO	**19536221**
	T2/LN1 609D
	04/86→12/94
	Axle 742560 HL 1/8 4,7



CORTECO	**19536223**
	T2/LN1 609D
	04/86→12/94
	Axle 742470 H 2/15 5,8

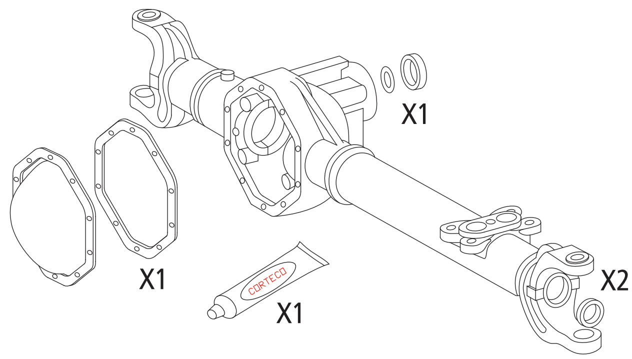


CORTECO	**19536223**
	T2/LN1 609D
	04/86→12/94
	Axle 742486 H 2/15 5,8

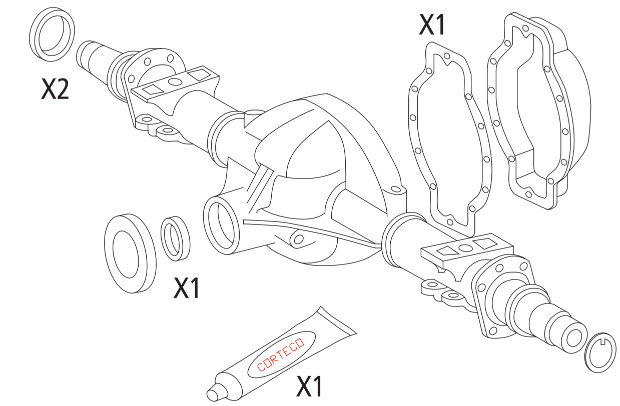


Mercedes L.T.

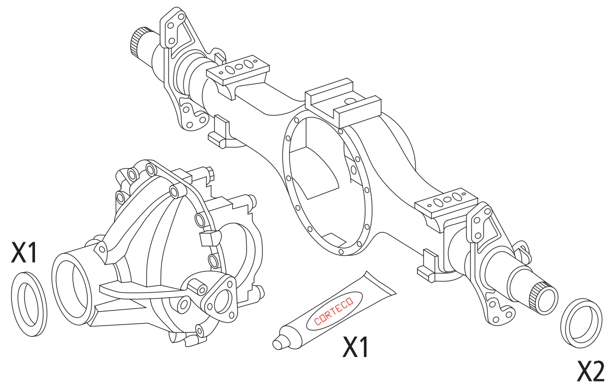
CORTECO	**19536222**
Vehicle	T2/LN1 814DA
Date	11/87→12/94
Axle	
Info	Axle 730351 AL 1/6 C3



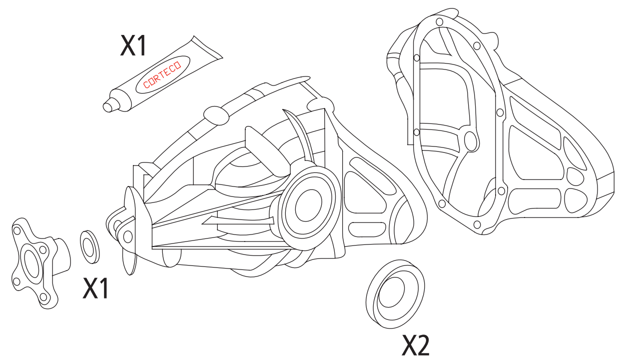
CORTECO	**19536223**
Vehicle	T2/LN1 814DA
Date	11/87→12/94
Axle	
Info	Axle 742485 HL 2/15 5,8



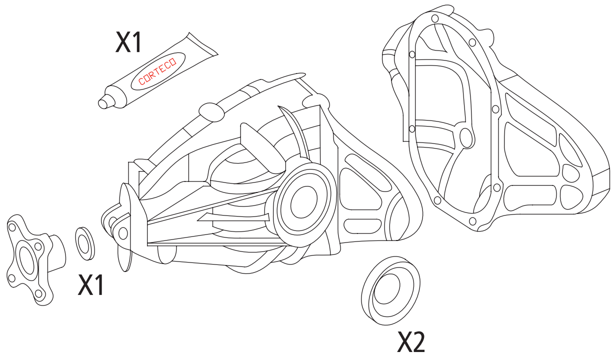
CORTECO	**19536224**
Vehicle	Vario
Date	09/96→
Axle	
Info	Axle 742501 HL 2/41C 5,6



CORTECO	**19535935**
Vehicle	Viano (W639) 2.2 CDI
Date	09/03→
Axle	
Info	

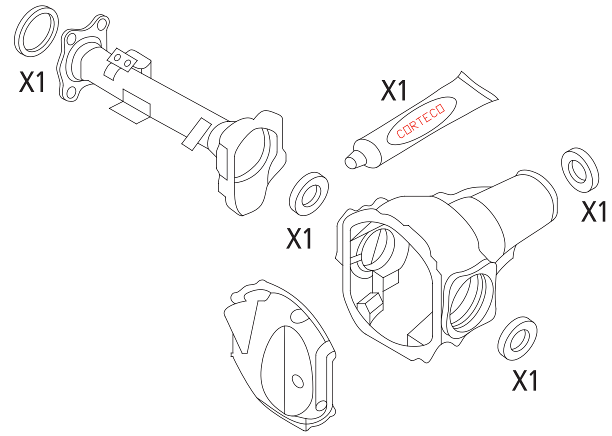


Mercedes L.T.

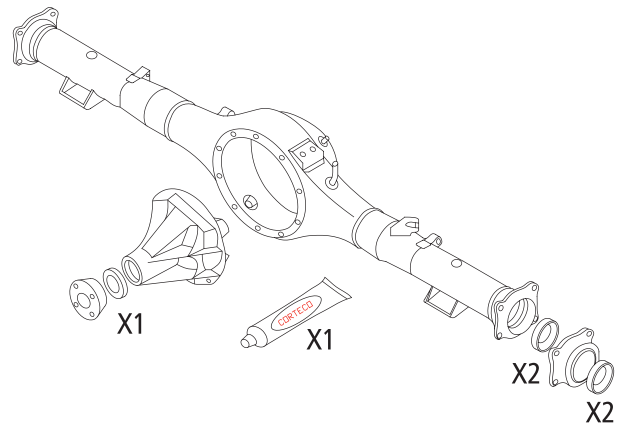
CORTECO	**19535935**	
	Vito (W639) 109 / 111 / 115 2.2 CDI	
	09/03→	

Mitsubishi

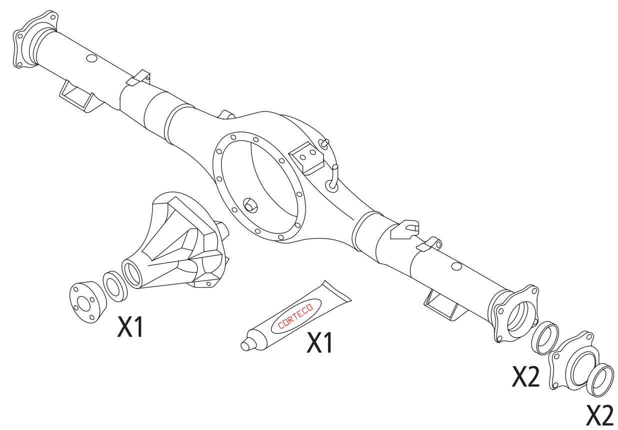
CORTECO	**19535826**
	L200 II 2.5 TD 4WD
	06/96→



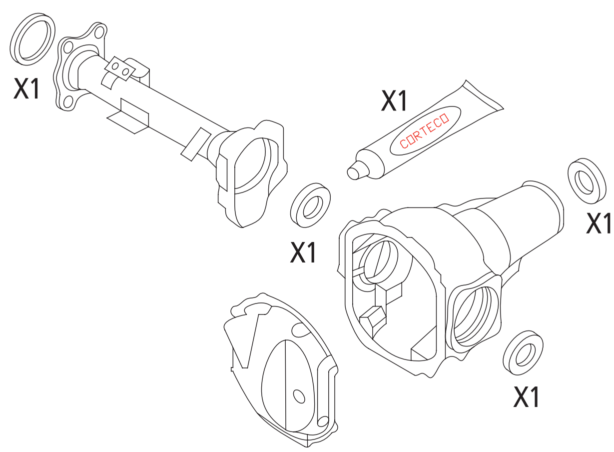
CORTECO	**19536183**
	L200 II 2.5 TD 4WD
	06/96→
	LSD



CORTECO	**19535816**
	L200 II 2.5 TD 4WD
	06/96→
	Diff Lock

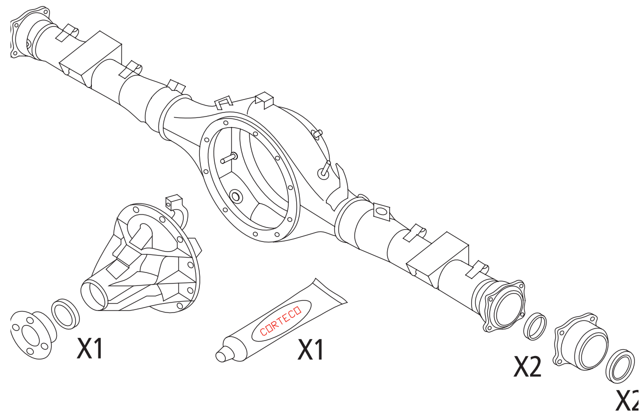


CORTECO	**19536138**
	L200 III 2.5 DI-D 4WD
	05/06→

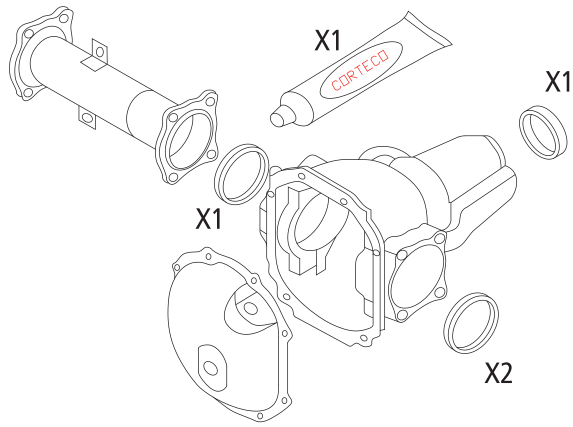


Mitsubishi

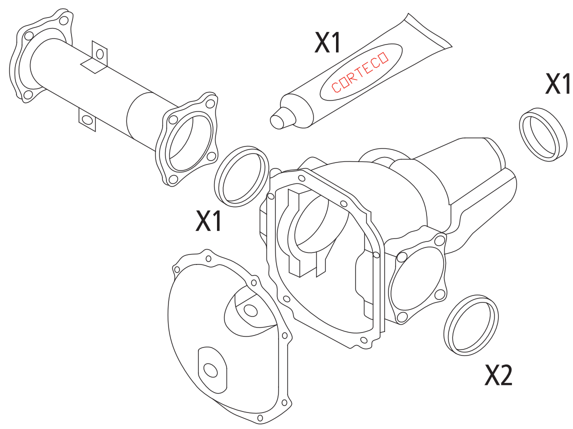
CORTECO	19536184
	L200 III 2.5 DI-D 4WD
	05/06→



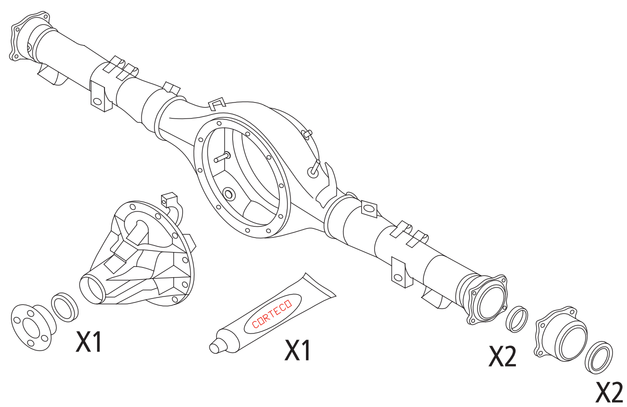
CORTECO	19536138
	Pajero – Montero II 3.0 V6
	12/90→04/00
	MT



CORTECO	19535827
	Pajero – Montero II 3.0 V6
	12/90→04/00
	AT

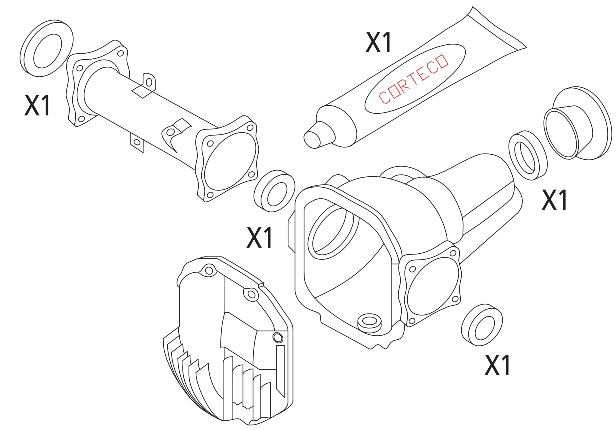


CORTECO	19535816
	Pajero – Montero II 3.0 V6
	12/90→04/00

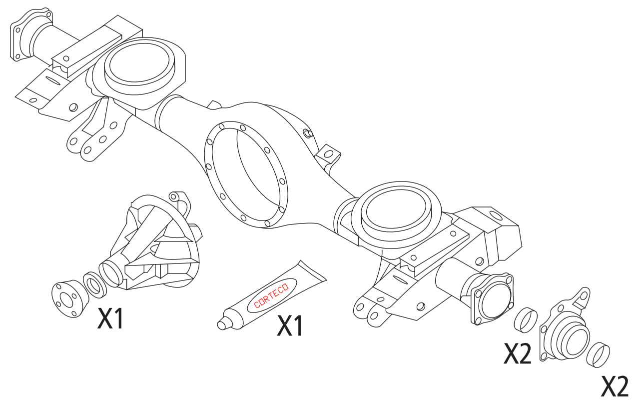


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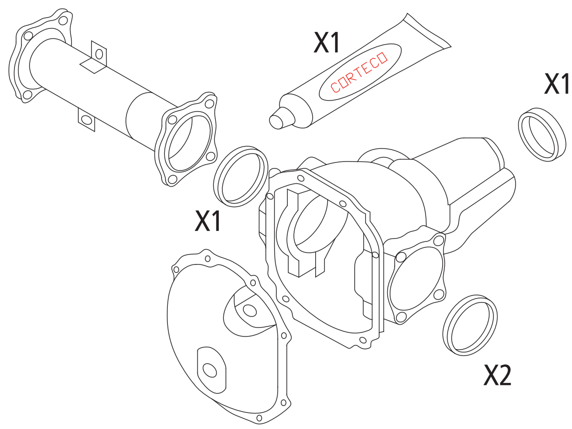
CORTECO	19536138
	Pajero – Montero II 3.5 V6 24 V
	06/94→04/00



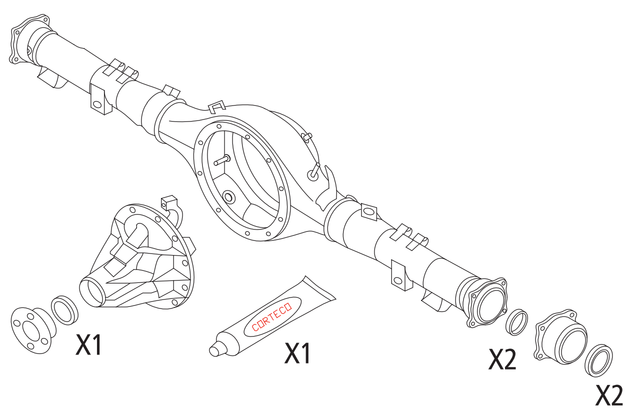
CORTECO	19535816
	Pajero – Montero II 3.5 V6 24 V
	06/94→04/00



CORTECO	19535827
	Pajero – Montero II 2.5 TD
	12/90→04/00

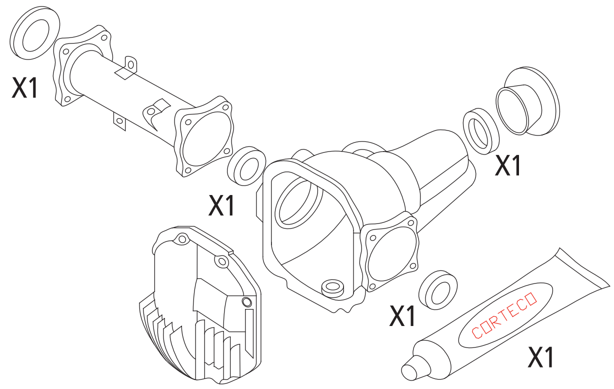


CORTECO	19535816
	Pajero – Montero II 2.5 TD
	12/90→04/00

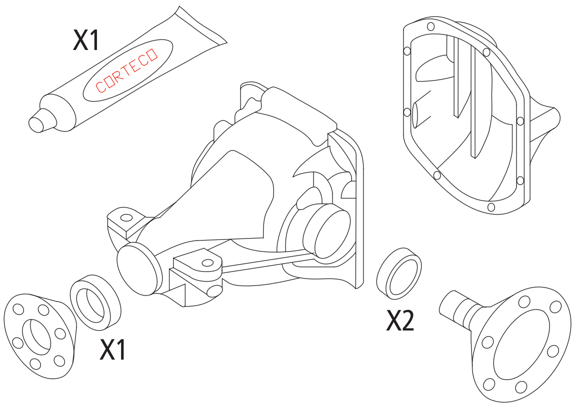


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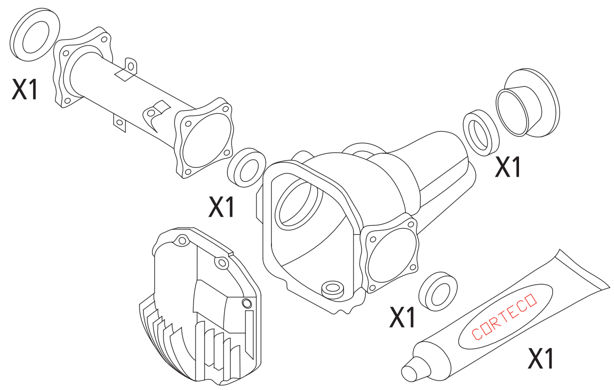
CORTECO	**19536138**
	Pajero – Montero III 3.2 Di-D
	10/01→



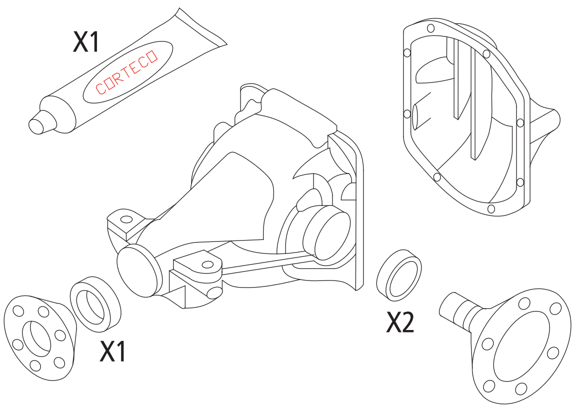
CORTECO	**19536139**
	Pajero – Montero III 3.2 Di-D
	10/01→



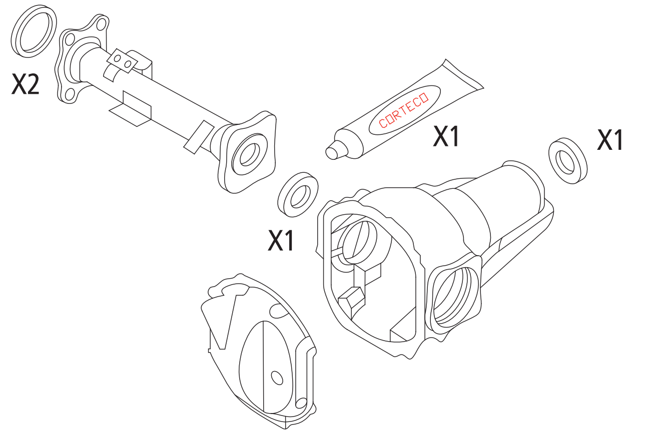
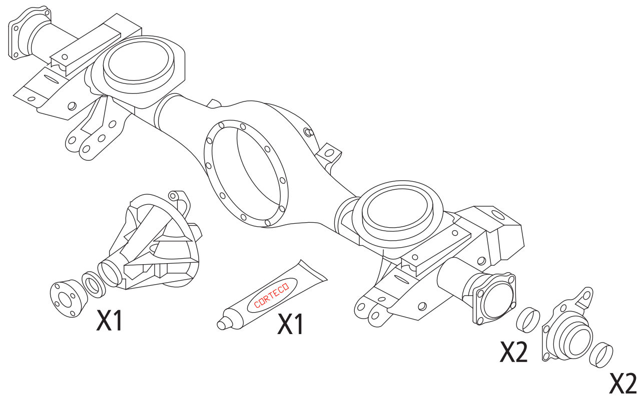
CORTECO	**19536138**
	Pajero – Montero IV 3.2 Di-D
	02/07→



CORTECO	**19536139**
	Pajero – Montero IV 3.2 Di-D
	02/07→

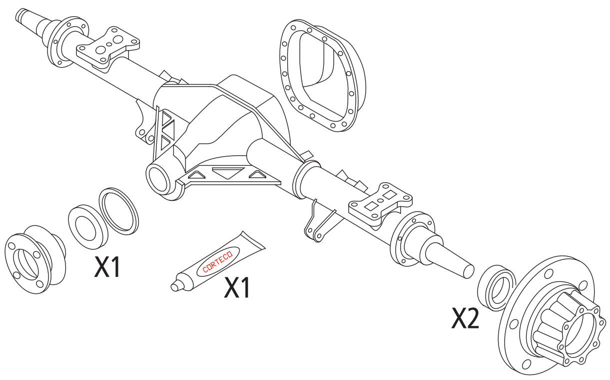


Mitsubishi

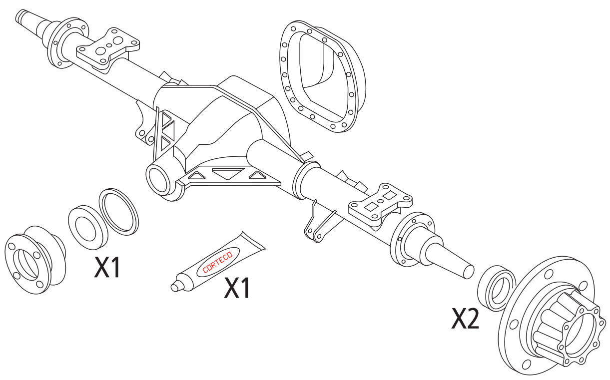
	19536138	
	Pajero – Montero Sport 2.5 TD	
	11/98→	
		
	19535816	
	Pajero – Montero Sport 2.5 TD	
	11/98→	
		

Renault Truck

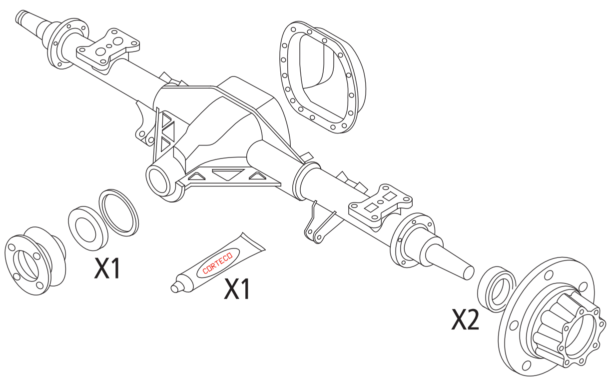
CORTECO	**19536137**
	Mascott 120.35
	05/04→
	Axle 569.06



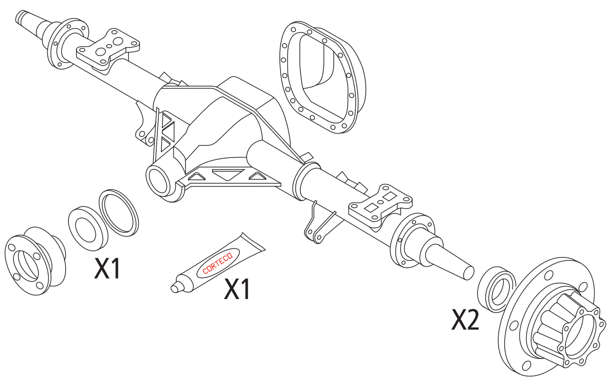
CORTECO	**19536168**
	Mascott 120.35
	05/04→
	Axle 669.10



CORTECO	**19536137**
	Mascott 160.35
	05/04→
	Axle 569.06

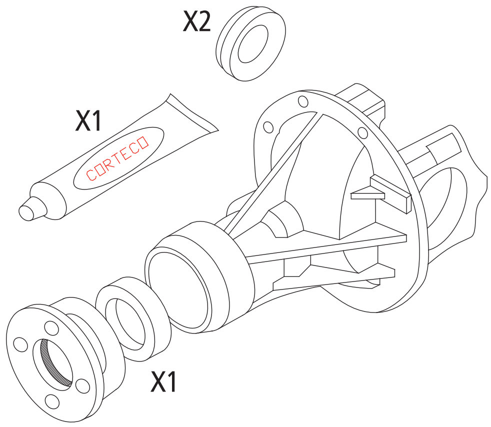


CORTECO	**19536168**
	Mascott 160.35
	05/04→
	Axle 669.10

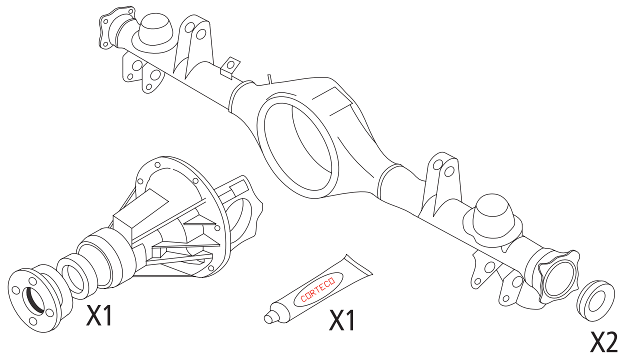


Suzuki

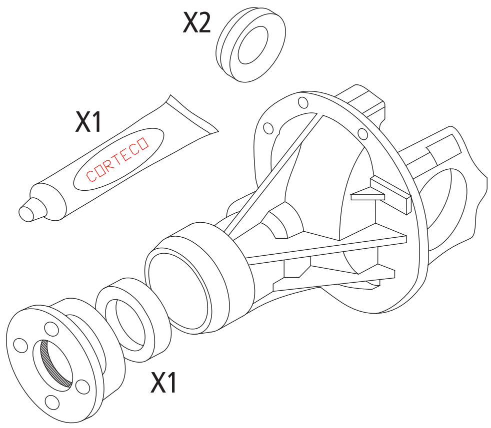
CORTECO	19536212
	Grand Vitara 1.6i 16V
	03/98→



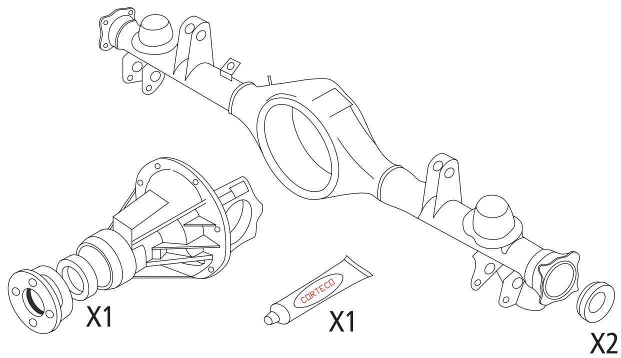
CORTECO	19536213
	Grand Vitara 1.6i 16V
	03/98→



CORTECO	19536212
	Grand Vitara 2.0i 16V
	03/98→

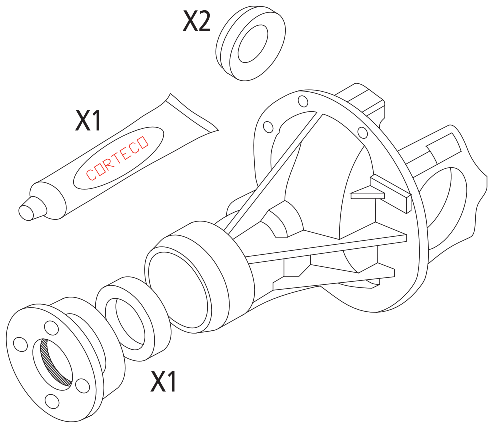


CORTECO	19536213
	Grand Vitara 2.0i 16V
	03/98→

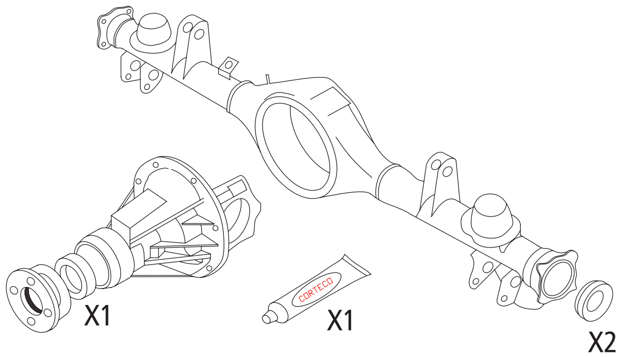


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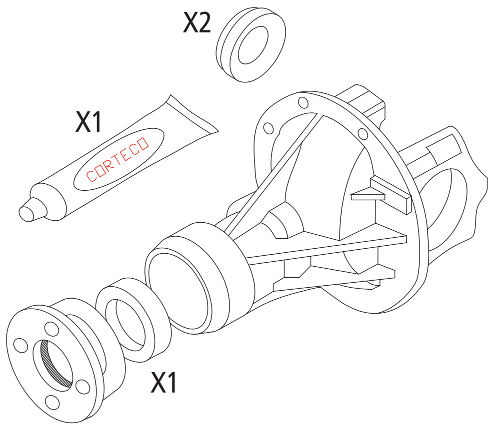
CORTECO	**19536212**
	Grand Vitara 2.5 V6 24V
	04/98→



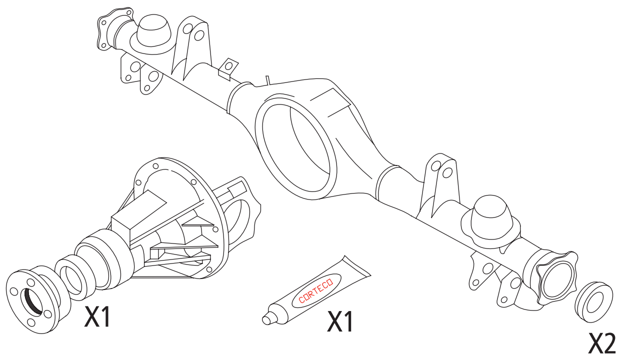
CORTECO	**19536213**
	Grand Vitara 2.5 V6 24V
	04/98→



CORTECO	**19536212**
	Grand Vitara 2.5 V6 24V
	04/01→

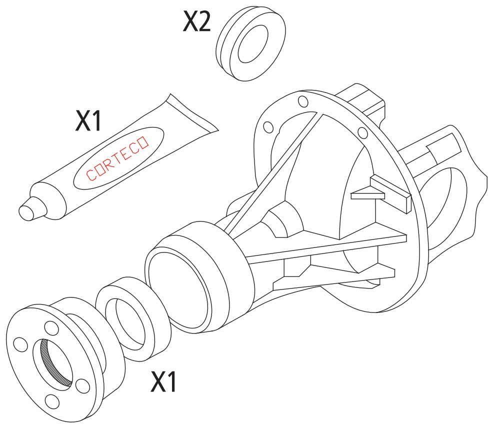


CORTECO	**19536213**
	Grand Vitara 2.5 V6 24V
	04/01→

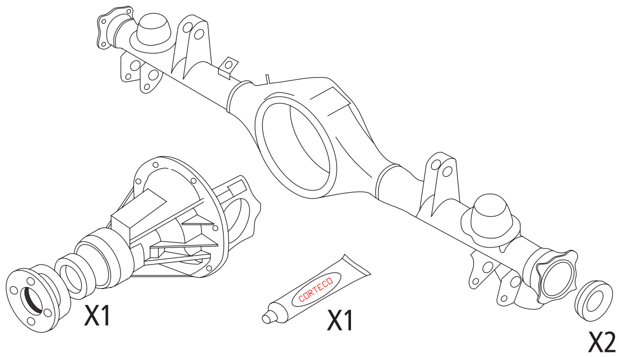


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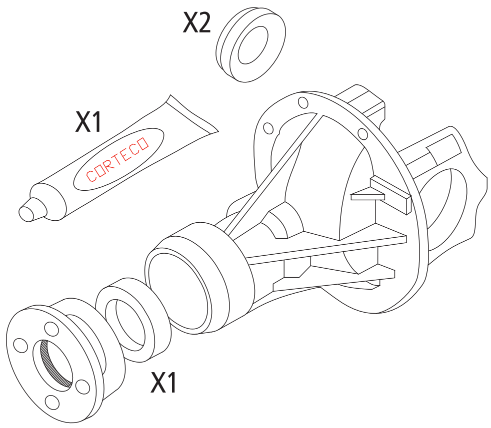
CORTECO	**19536212**
	Grand Vitara 2.0 TD
	03/98→
i	



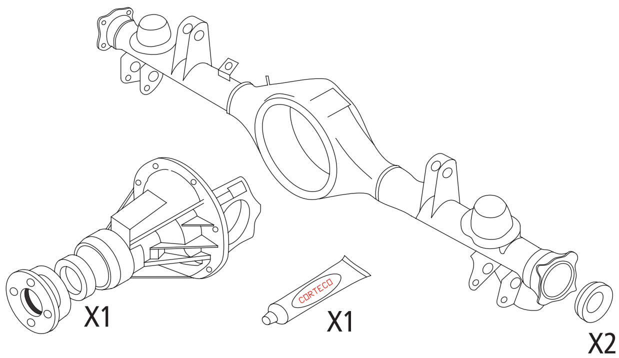
CORTECO	**19536213**
	Grand Vitara 2.0 TD
	03/98→
i	



CORTECO	**19536212**
	Grand Vitara 2.0 HDi
	07/01→
i	

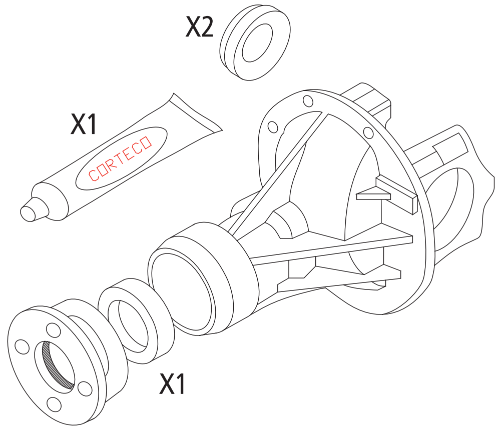


CORTECO	**19536213**
	Grand Vitara 2.0 HDi
	07/01→
i	

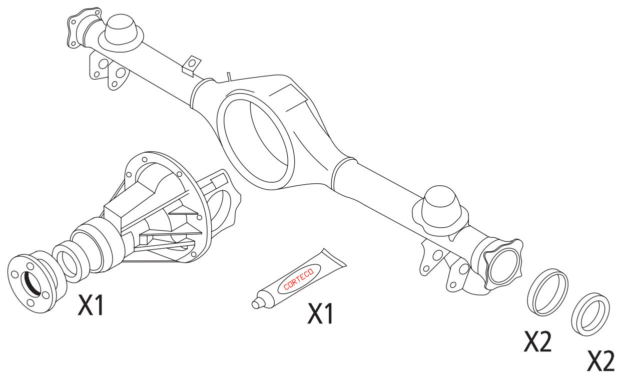


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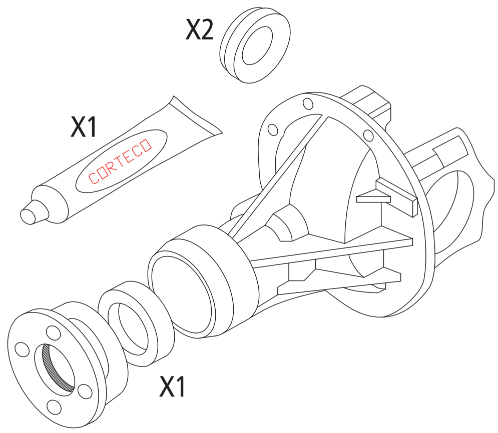
CORTECO	**19536212**
	Vitara 1.6
	07/88→03/98



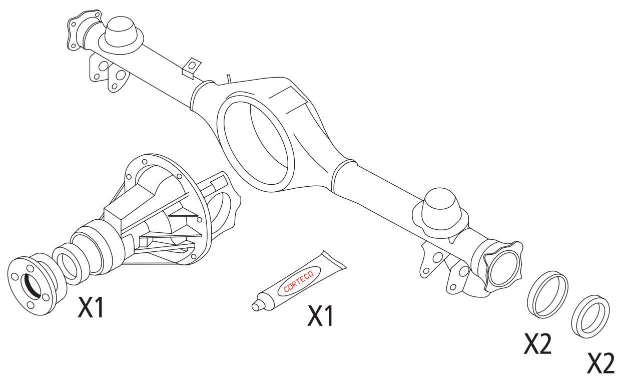
CORTECO	**19536214**
	Vitara 1.6
	07/88→03/98



CORTECO	**19536212**
	Vitara 1.6i 16V
	07/90→03/98

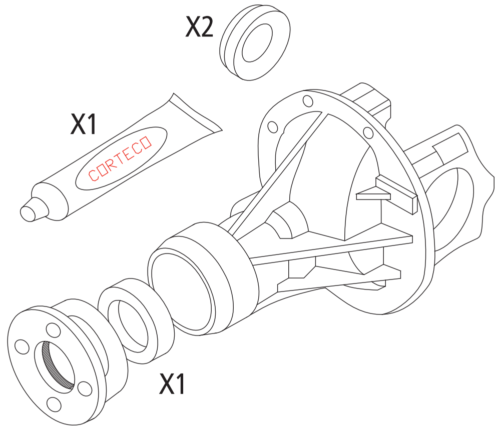


CORTECO	**19536214**
	Vitara 1.6i 16V
	07/90→03/98

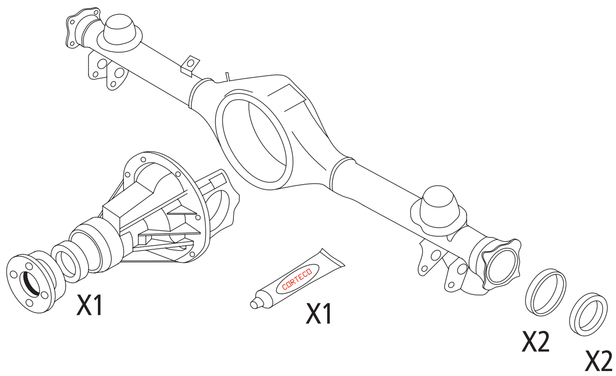


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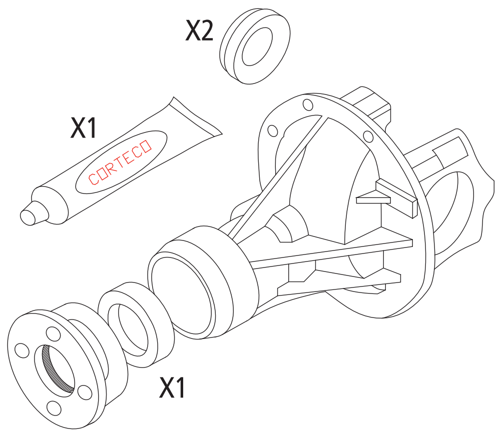
CORTECO	**19536212**
	Vitara 2.0 16V
	12/96→03/98



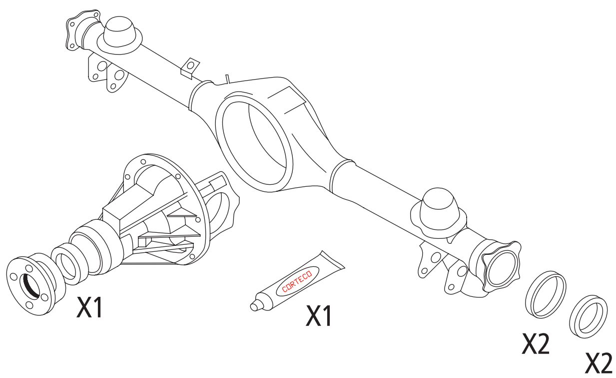
CORTECO	**19536214**
	Vitara 2.0 16V
	12/96→03/98



CORTECO	**19536212**
	Vitara 2.0 V6 24V
	12/94→03/98

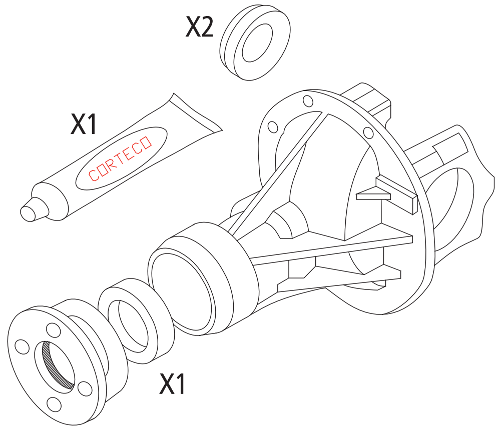


CORTECO	**19536214**
	Vitara 2.0 V6 24V
	12/94→03/98

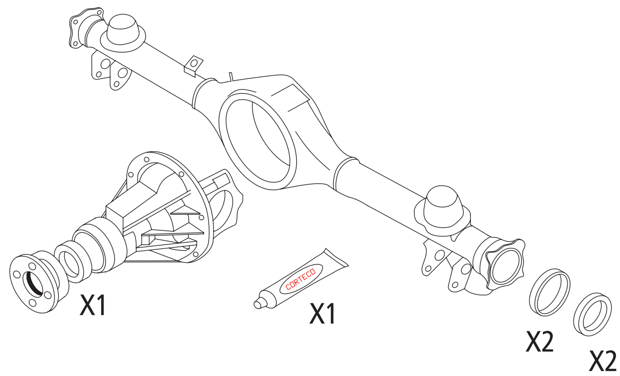


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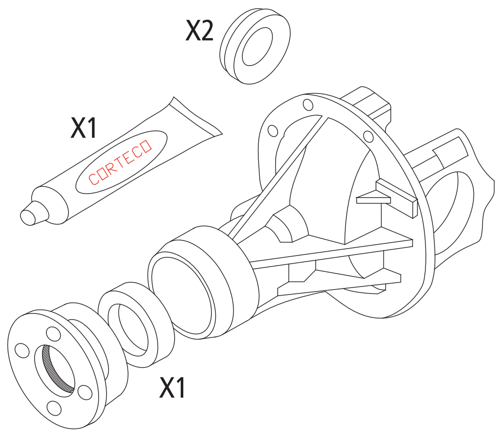
CORTECO	**19536212**
	Vitara 1.9 D
	01/95→03/98



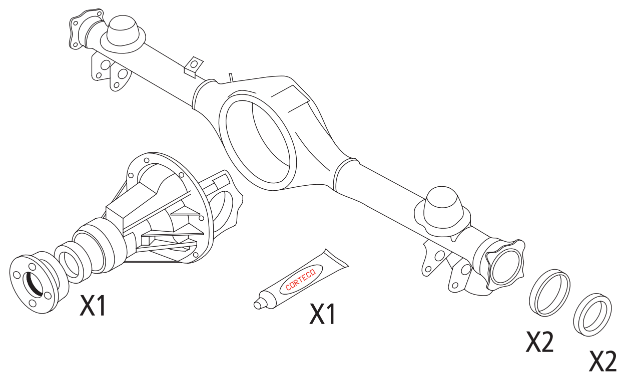
CORTECO	**19536214**
	Vitara 1.9 D
	01/95→03/98



CORTECO	**19536212**
	Vitara 1.9 TD
	08/96→03/98

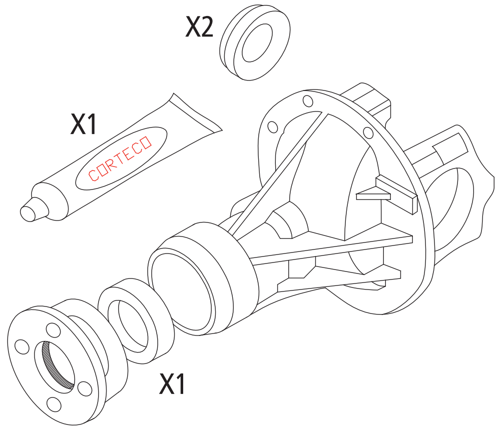


CORTECO	**19536214**
	Vitara 1.9 TD
	08/96→03/98

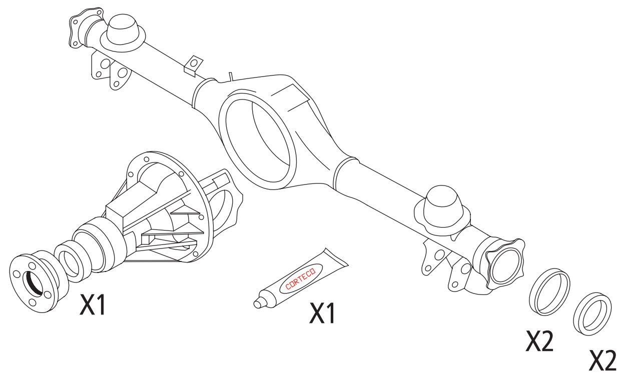


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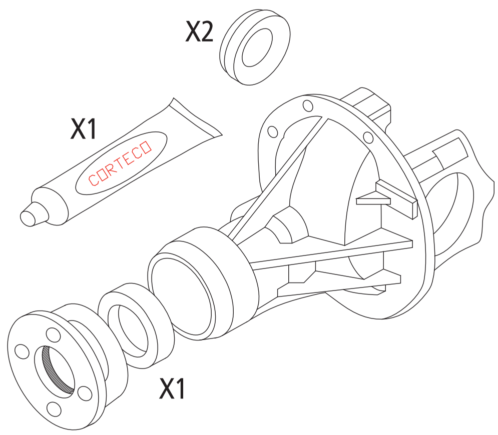
CORTECO	**19536212**
	Vitara 2.0 TD
	12/94→03/98



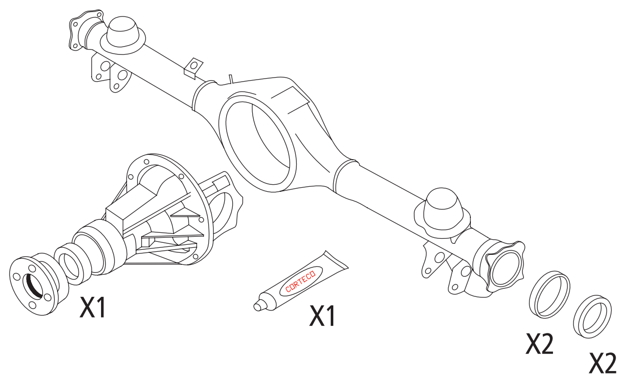
CORTECO	**19536214**
	Vitara 2.0 TD
	12/94→03/98



CORTECO	**19536212**
	Vitara 2.0 TD Intercooler
	12/95→03/98

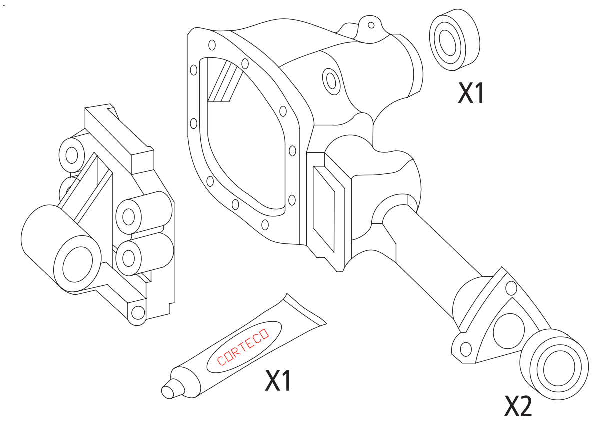


CORTECO	**19536214**
	Vitara 2.0 TD Intercooler
	12/95→03/98

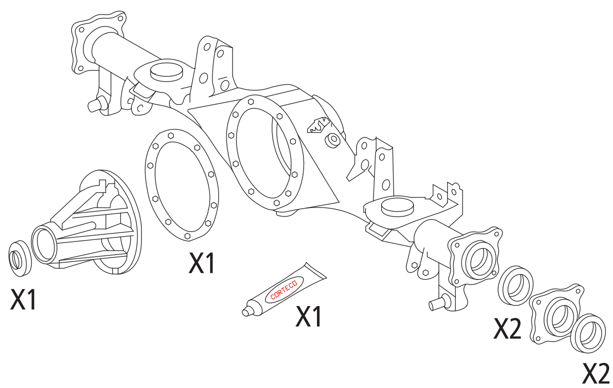


Toyota

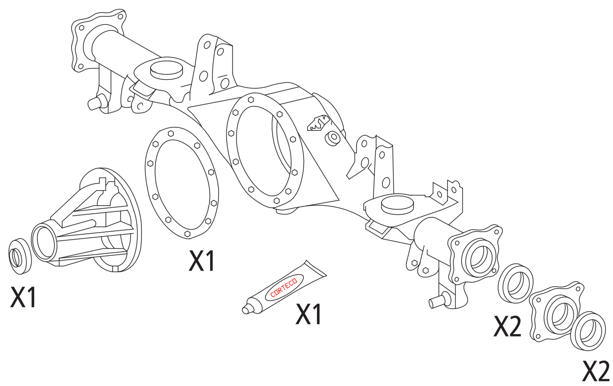
CORTECO	**19535828**
	Hi-Lux 2.5 D-4D 4WD
	11/01→



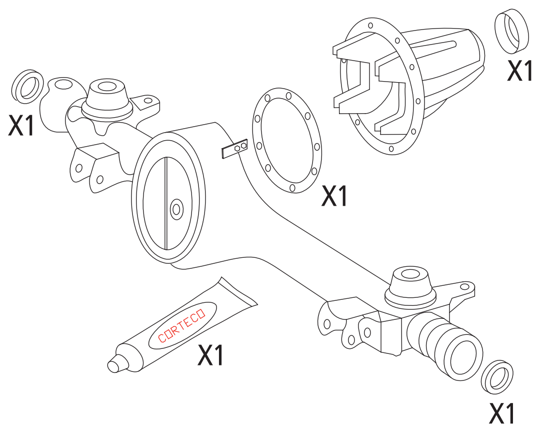
CORTECO	**19535846**
	Hi-Lux 2.5 D-4D 4WD
	11/01→
	LSD



CORTECO	**19535847**
	Hi-Lux 2.5 D-4D 4WD
	11/01→
	Diff Lock

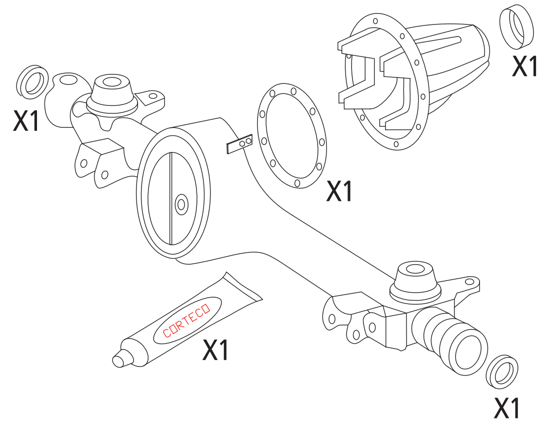


CORTECO	**19535848**
	Land Cruiser (_J8_) 4.2 TD 24V
	03/95→12/97

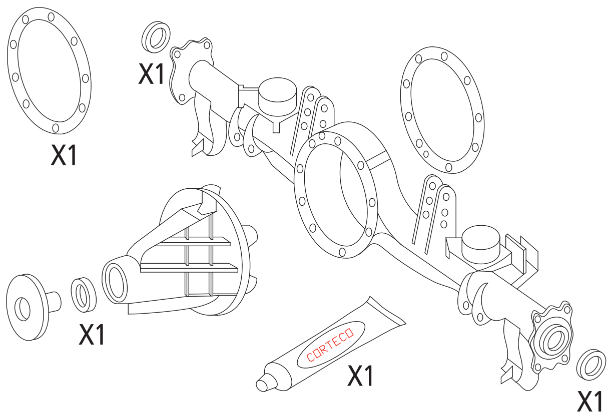


Toyota

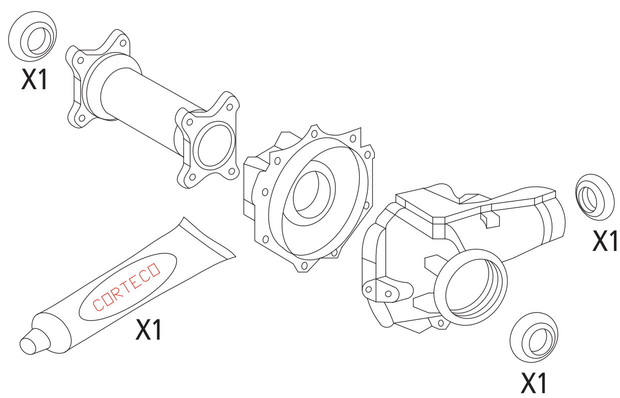
	19535850
	Land Cruiser (_J8_) 4.2 TD 24V
	03/95→12/97
	Diff Lock



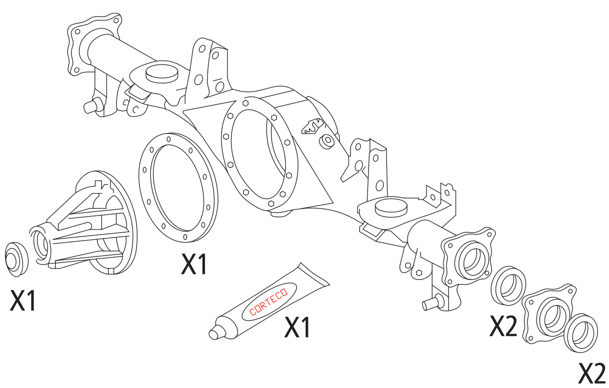
	19535851
	Land Cruiser (_J8_) 4.2 TD 24V
	03/95→12/97
	Diff Lock



	19536186
	Land Cruiser (_J9_) 3.0 D-4D 4WD
	10/00→

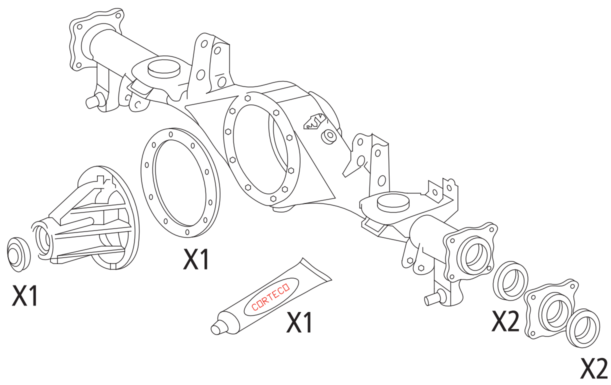


	19536217
	Land Cruiser (_J9_) 3.0 D-4D 4WD
	10/00→
	LSD – NO ABS /→01/2002

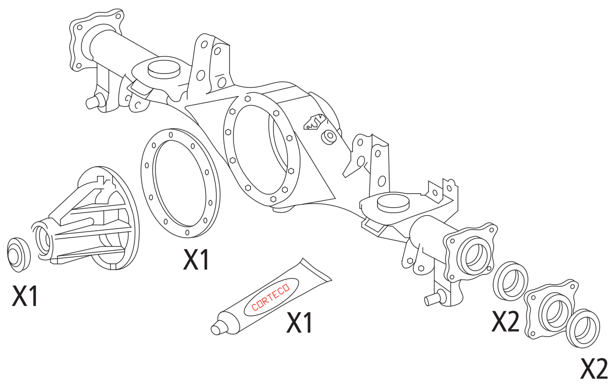


Toyota

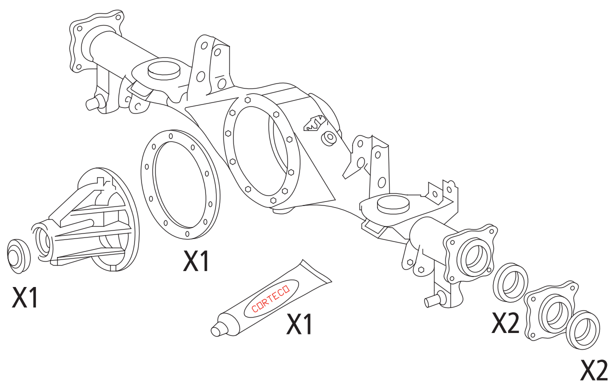
CORTECO	19536217
	Land Cruiser (_J9_) 3.0 D-4D 4WD
	10/00→
	Diff Lock – NO ABS /→01/2002



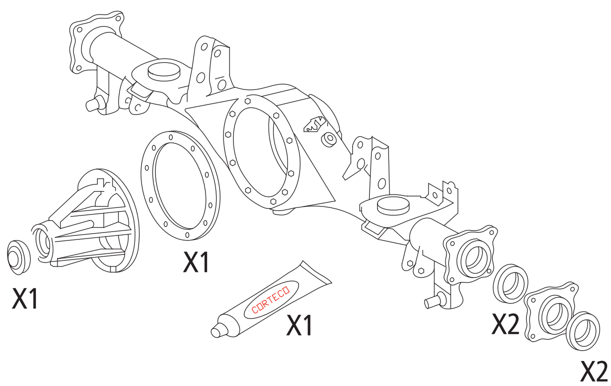
CORTECO	19536218
	Land Cruiser (_J9_) 3.0 D-4D 4WD
	10/00→
	LSD – ABS /→01/2002



CORTECO	19536218
	Land Cruiser (_J9_) 3.0 D-4D 4WD
	10/00→
	Diff Lock – ABS /→01/2002

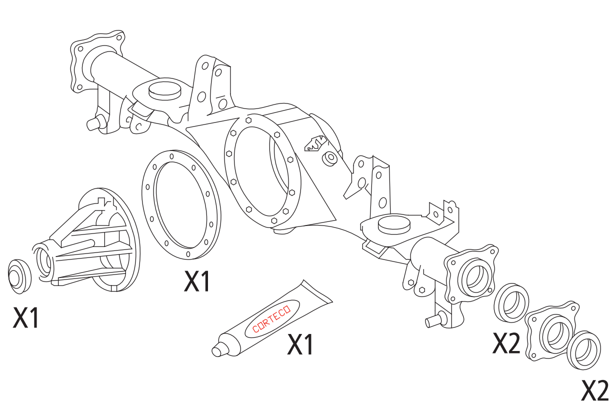


CORTECO	19536219
	Land Cruiser (_J9_) 3.0 D-4D 4WD
	10/00→
	LSD – NO ABS / 02/2002→

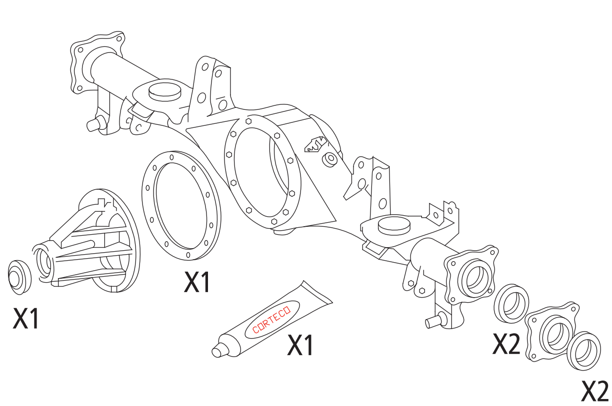


Toyota

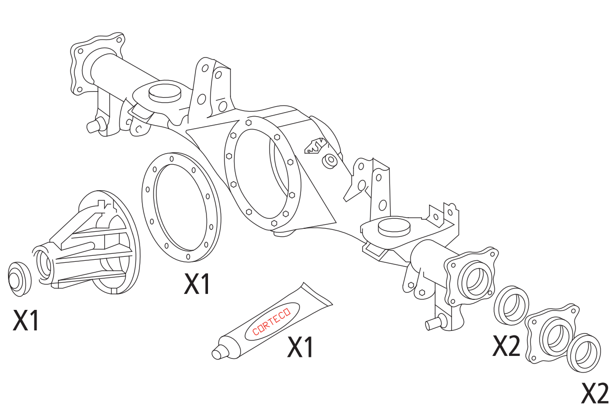
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	Land Cruiser (_J9_) 3.0 D-4D 4WD
	10/00→
	Diff Lock – NO ABS / 02/2002→



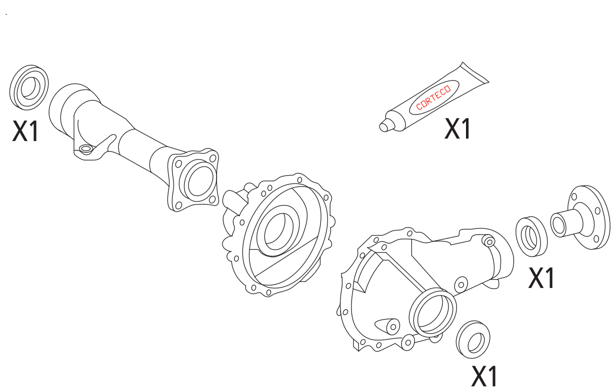
CORTECO	**19536220**
	Land Cruiser (_J9_) 3.0 D-4D 4WD
	10/00→
	LSD – ABS / 02/2002→



CORTECO	**19536220**
	Land Cruiser (_J9_) 3.0 D-4D 4WD
	10/00→
	Diff Lock – ABS / 02/2002→

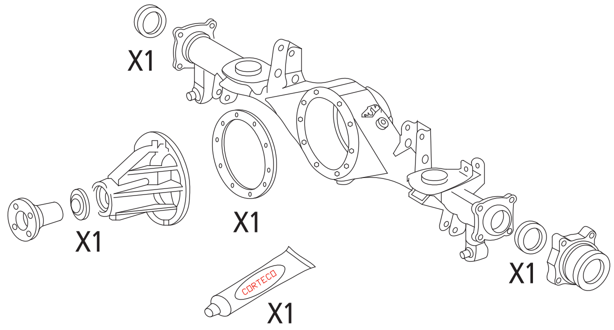


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	Land Cruiser (_J12_) 3.0 D-4D 4WD
	01/03→

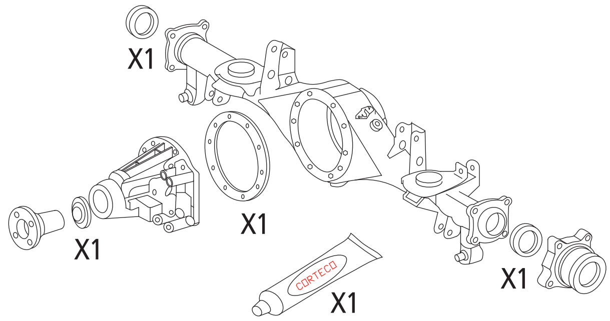


Toyota

CORTECO	**19536236**
	Land Cruiser (_J12_) 3.0 D-4D 4WD
	01/03→
i	LSD

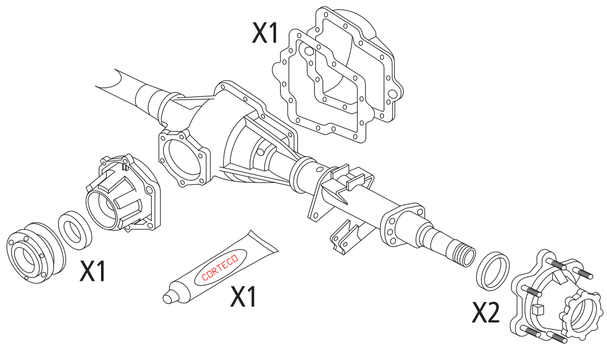


CORTECO	**19536236**
	Land Cruiser (_J12_) 3.0 D-4D 4WD
	01/03→
i	Diff Lock

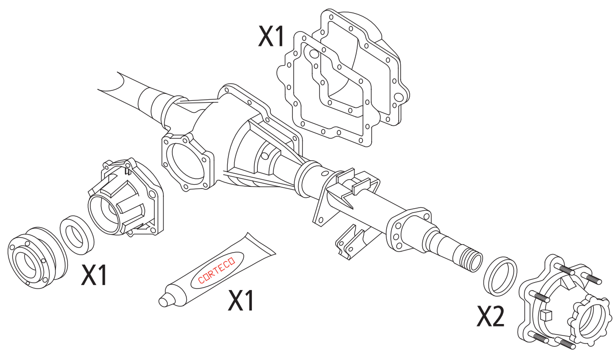


Volkswagen L.T.

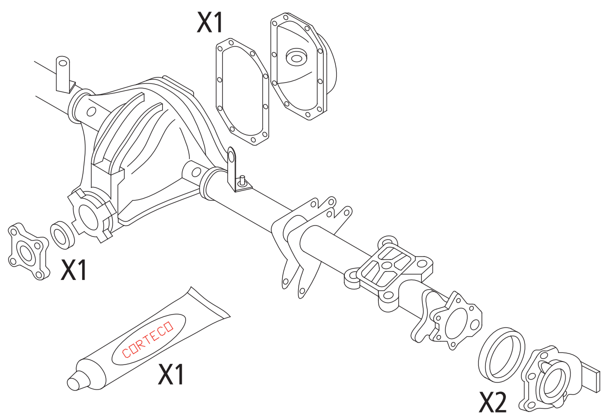
CORTECO	**19536273**
	LT 40-55 (Type 21)
	04/75→06/96
	Single cab / Van



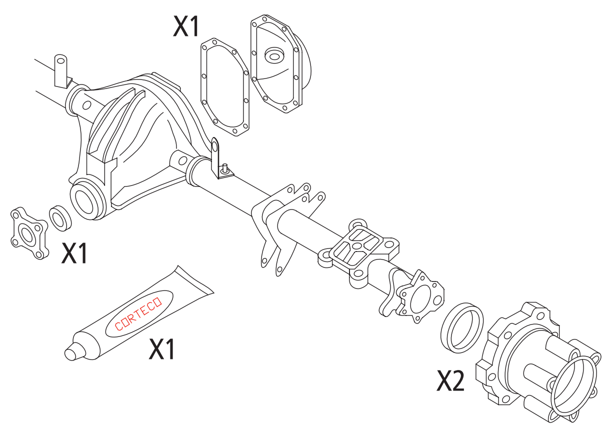
CORTECO	**19536274**
	LT 40-55 (Type 21)
	04/75→06/96
	Double cab



CORTECO	**19536204**
	LT 28-35
	07/96→

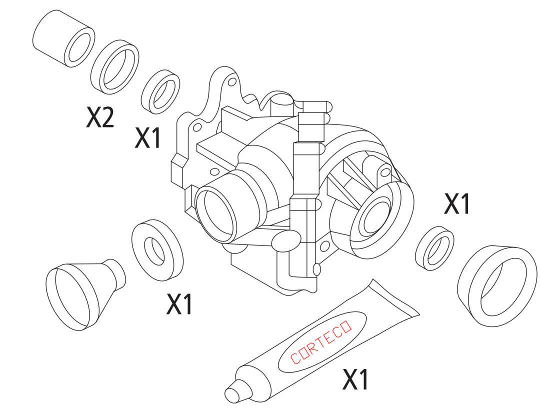


CORTECO	**19536203**
	LT 28-46
	07/96→

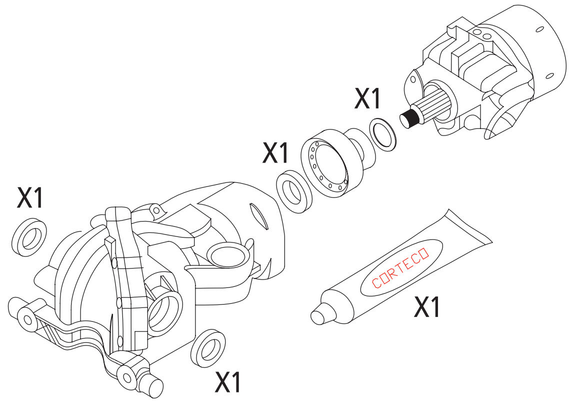


Volvo

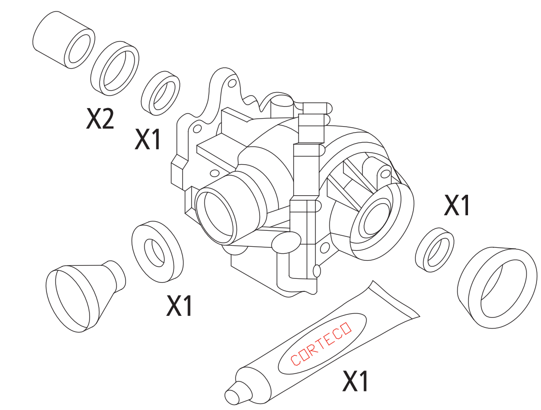
CORTECO	**19535954**
Model	XC90 2.5 T AWD
Date	01/03→
Axle	
Info	AT



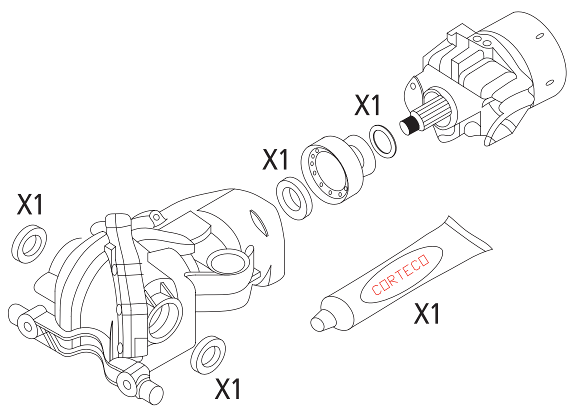
CORTECO	**19535955**
Model	XC90 2.5 T AWD
Date	01/03→
Axle	
Info	



CORTECO	**19535954**
Model	XC90 2.4 D5 AWD
Date	10/02→
Axle	
Info	AT



CORTECO	**19535955**
Model	XC90 2.4 D5 AWD
Date	10/02→
Axle	
Info	



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E

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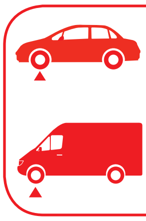
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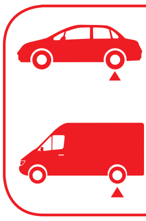
ZEICHENERKLÄRUNG | SIGNES ET SYMBOLES | SEGNI E SIMBOLI



Application
Anwendung
Application
Applicazione



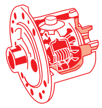
Front
Vorne
Avant
Anteriore



Rear
Hinten
Arrière
Posteriore



Installation period
Einbauzeitraum
Période de montage
Periodo di utilizzo



Differential
Differenzial
Différentiel
Differenziale

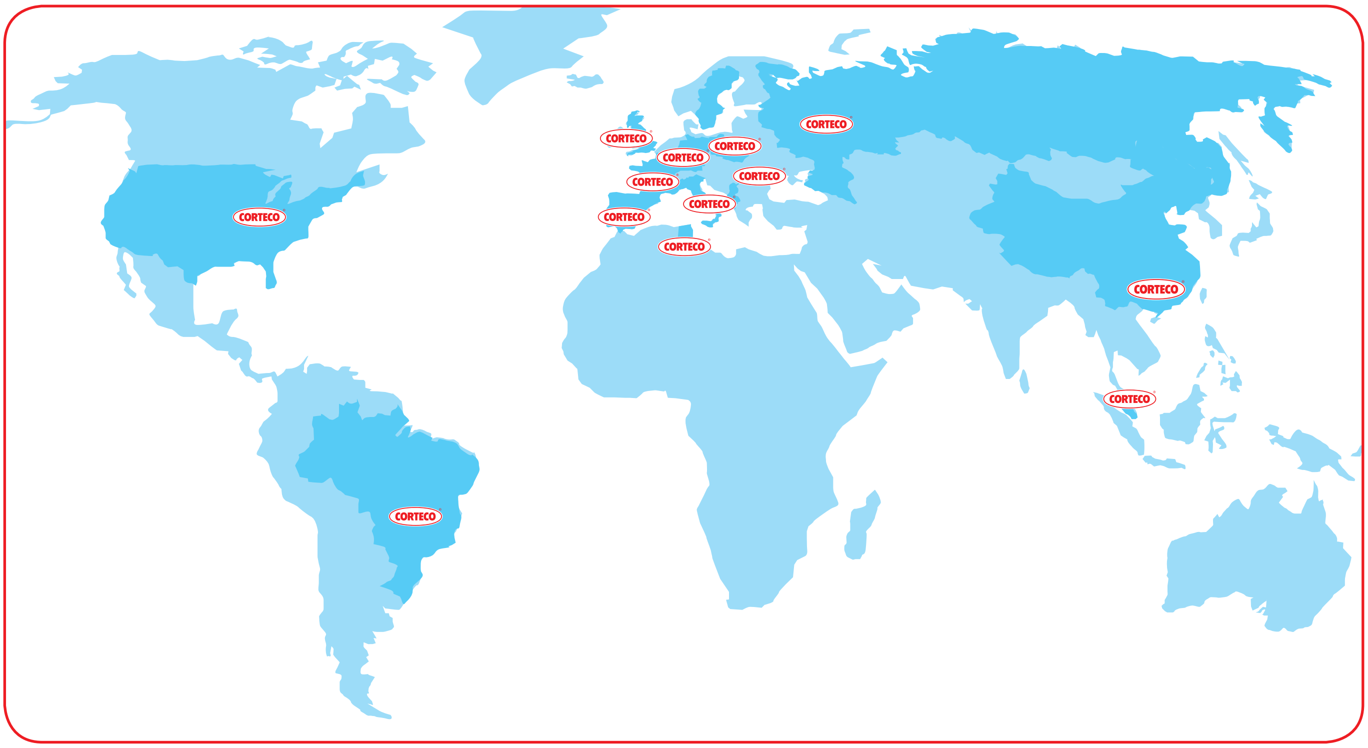
CORTECO

CORTECO-Number
CORTECO-Nummer
Référence CORTECO
Codice CORTECO



Notes
Notizen
Notes
Note

	E	D	F	I
ABS	Anti block System	Antiblockiersystem	Système anti blocage des roues	Anti Bloccaggio Ruote
Axle	Axle Type	Achstyp	Type d'essieu	Tipo Assale
AT	Automatic Gearbox	Automatikgetriebe	Boite de vitesse automatique	Cambio Automatico
Diff Lock	Differential Lock	Differenzialsperre	Différentiel blocable manuellement	Differenziale Bloccabile Manualmente
DRW	Doubled Rear Wheels	Verdoppelte Hinterräder	Roues arrière doublées	Ruote Posteriori Gemellate
LSD	Limited Slip Differential	Sperrdifferenzial	Différentiel à glissement limité	Differenziale Autobloccante



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